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U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

# INSTRUCTIONS

FOR

# PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1911.

U. S. DEPARTMENT OF AGRICULTURE.

WEATHER BUREAU.

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1. Meteorological Forms, when Mailed.—Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1065, No. 1068, No. 1072, No. 1073, No. 1074, No. 1075, and No. 1083, not later than the 4th; Form No. 1030, 1st, except when that date falls on Sunday it will be issued on the 2d; Forms No. 1002 and No. 1003, as soon as the correction letter for December Form 1001 is received.

2. When any form can not be mailed on the prescribed date, an explanation of the cause of delay will be forwarded to the Central Office on the day that it should have been mailed. When Sunday or a legal holiday occurs from the 1st to the 4th, inclusive, an extra day will be allowed for the forms required to be mailed on the 4th.

3. The barograph and thermograph traces, and Forms No. 1015, No. 1017, and No. 1028 will include the record for the last day of the month.

4. It is the policy of the Central Office not to surrender custody of any form that can not be duplicated, after it has been received. The official in charge is therefore enjoined to see to it that all data required are extracted before such forms are mailed.

5. In forwarding the above-named forms to the Central Office write on the lower left-hand corner of the envelope, "Forms for Climatological Division."

6. In preparing Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1083, and barograph and thermograph trace sheets for mailing, the sheets will be arranged chronologically and fastened together with a Dennison or similar paper fastener.

7. Errors will be charged as follows: (1) Each original correction made in the examination will be counted as one error, but supplementary errors resulting from the original entry will not be charged. (2) A failure to comply with any instructions will be counted as one error when it has been clearly shown that such instructions have been received at the station. (3) If an observer has been charged with an error for failure to comply with any instructions, and again fails to do so on forms for succeeding months, he will be charged with an error for each erroneous entry in the form caused by his disregard of the instructions in question. (4) Errors of omission will be counted in the same manner as errors of commission.

8. An original error made in taking, reducing, or recording an observation, or in transcribing data from Form No. 1083, will be charged equally between the person taking the observation and the one who checks the data (one-half to each).

9. Forecasters, section directors, and specially designated officials in charge may assign an assistant of ability and trustworthiness to be responsible for the accuracy of Form No. 1001 in so far as relates to all matters of copying, compiling, computing, etc., but in all questions of judgment where it is necessary to put a construction upon an order, ruling, etc., the matter will be decided by the official in charge.

10. Any assistant may be responsible for pages 4, 5, 6, and 7 of Form No. 1001, and Forms No. 1002 and No. 1003. This will give a careful assistant opportunity to make a record for accuracy, besides relieving the official in charge to some extent. The official in charge of the station, however, must continue to exercise general supervision over the meteorological work of his assistants, examining and checking it as frequently as may be necessary, and will be held jointly responsible with them for the general appearance and accuracy of all forms. He also will be held directly responsible for errors that can be detected by a cursory examination, and if the number of errors made at his station be unduly large, it will be considered evidence that he is not giving proper attention to this duty, and he will be censured conjointly with the assistant or assistants making the errors. Messengers and student assistants will not be held responsible for any meteorological form without special permission.

11. The assistant preparing Form No. 1001 under the provision of paragraph 9 will sign his name in the lower left-hand margin of page 9; those preparing pages 4, 5, 6, or 7 will sign on the lower left-hand margin of said pages.

12. Two persons will not sign as responsible for a page or form, except in case of sickness, absence, or relief from station, and then it will be stated for what portion each one is responsible.

13. An official relieved from charge of station or responsibility for forms will be held accountable for errors up to, but not including, the date of his relief. When so relieved he must plainly indicate on the forms the dates of his accountability.

14. Ditto marks (") will not be used in any form.

15. The station clock will be kept adjusted to the standard of time in local use.

16. All regular and special observations will be taken on 75th meridian time, but the standard of time in local use will also be entered.

17. All instrumental records will be kept on the standard of time in local use.

18. All data on pages 2 and 3 of Form No. 1001, except days with light and dense fog, and the corresponding data on page 9, and all data on page 10, will be recorded in 75th meridian time. All other data will be recorded in the standard of time in local use. Data on Forms No. 1014, No. 1030, and the notes on Form No. 1083 will be in the standard of time in local use.

### FORM No. 4012, Mis.

19. Whenever an employee has reason to think that he has been wrongfully charged with errors, the correction letter will be returned at once, by indorsement, requesting a reexamination, and stating what error or errors should not, in his opinion, be charged, with his reasons therefor. The matter will receive prompt and careful consideration, and should it be found that errors have been improperly charged they will be removed. If the errors charged are accepted, the letter will invariably be signed by the person or persons whose names appear in the body of the letter and promptly returned. In case of absence of the employee who is responsible for the accuracy of the data, it will be signed by the official in charge and forwarded to the one to whom the error or errors have been charged, to be noted by him and returned to the Central Office. Employees are enjoined to see to it that all corrections indicated, and all resulting changes, are made in Forms No. 1001, No. 1002, No. 1014, and the Climatological Record. A press copy of the letter will be made and filed as a letter received.

### FORM No. 1001.

20. This form will be kept clean, and all entries therein made in a neat, legible hand. The leaves should be separated for convenience in entering the data, but margins must not be trimmed.

21. Whenever, from any cause, an observation is not taken the reason therefor will be plainly written on the margin and a full report of the facts at once made to the Chief of the Weather Bureau.

22. If an observation has been taken late, it will be recorded in brackets with the exact time at which it was taken, and used in computing all means and averages the same as if taken on schedule time, unless the conditions have changed since the time for the observation, in which case the probable conditions at the proper time of observation will be determined from the recording instruments by interpolation. These interpolated values will be entered in red ink above the late readings and used in all means and deductions.

23. An observer may be occasionally prevented by legitimate causes from taking an observation on time, but in such a case the observation will be taken as soon as possible and recorded as of the time at which it was actually taken and disposed of as provided in paragraph 22, and a full report of the facts at once made to the Chief of the Weather Bureau. This report will always receive proper consideration.

24. An observer guilty of falsifying the records by reporting observations as taken at prescribed hours which were not actually so taken, or in any other manner whatsoever, will be summarily and severely dealt with, regardless of previous record or length of service.

25. All observations entered on Form No. 1083 will be immediately copied in the proper spaces in Form No. 1001. The observation must be enciphered from Form No. 1001. The retained record will contain pages 2, 3, 8 (except beginnings and endings of precipitation), 9, and 10, and it must be kept up to date. All footings on pages 4, 5, and 7 of Form No. 1001 that are required to be entered in Form No. 1002 will be copied in the retained Form No. 1002 before mailing Form No. 1001.

26. In order that the reports may be filed at the telegraph office not later than 8 o'clock, 75th meridian time, observations will be begun not to exceed twenty minutes before that hour.

27. Instruments will be read and conditions noted in the following order: (1) Clouds, (2) state of weather, (3) maximum and minimum thermometers, (4) dry and wet thermometers (and thermograph noted), (5) anemoscope, (6) rain gage (or snow gage), (7) register to anemometer, (8) attached thermometer to barometer, (9) barometer (and barograph noted).

28. All entries in this form must be made in black record ink except when otherwise directed. Red ink will not be used except in underscoring and when especially directed (see pars. 22, 59, 71, 93, and 226). If an error has been made in an original reading in Forms No. 1001 or No. 1083, an ink line will be drawn through the erroneous entry and the correct one placed immediately above the canceled reading in black ink.

29. Entries of direction of wind and clouds will be printed thus: N., NE., E., etc.

30. When crowded for room, notes will be put upon the margin.

31. Instructions relative to taking special observations are given in the Weather Code.

32. All meteorological observations taken will be checked, so far as possible, the following day by the employee responsible for their accuracy.

33. The day of the week on which the month begins will be entered on the left-hand margin of page 8, opposite the first date.

### PRESSURE.

34. Actual Elevation.—The height of the zero points of the barometers of a station above sea level. The elevations of instruments will be entered to whole feet on *all meteorological forms*, except Form No. 1058, when these data are required.

35. Station Elevation.—The elevation above sea level adopted for a station at a basis to which all pressure observations at the station are correlated. The elevation on January 1, 1900, was adopted as the station elevation for each one in operation on that date. For stations opened subsequently, the elevation of the barometer at the time of opening of station will be adopted as the station elevation.

36. Removal Correction.—When an office is moved to new quarters and the elevation of the barometer is thereby changed, a proper correction will be applied to the barometric readings in the new location that will reduce the observed readings to the pressure appropriate to the "station elevation." This removal correction will be included in the sum of corrections, Form No. 1059, furnished by the Instrument Division.

37. Sum of Corrections.—A term embracing all the corrections that are practically constant for a given instrument and in a given

location, namely, the correction for scale errors, capillarity, gravity, and the removal correction. This sum is given on Form No. 1059, furnished for each instrument.

38. Total Correction.—The correction for temperature, plus the "sum of corrections" as defined above.

39. Observed Reading.—The direct result of the reading of an instrument, uncorrected for any errors.

40. The barometer should be read and recorded to the nearest thousandths of an inch, and the reading will be immediately entered on Form No. 1083 before the reductions are made.

41. Station Pressure.—Corrections for instrumental error, gravity, temperature, and removal, preceded by the proper algebraic signs, will be applied to the observed barometer readings. The correction for temperature will be obtained from the barometer correction cards, as follows: Find at the top of the card the observed height of the barometer, and in the column headed "Attached thermometer," the reading of the attached thermometer; the number at the intersection of these lines will be the correction to be applied. If the reading of the thermometer be less than 29° above zero, the correction will be added, and if 29° or more it will be subtracted. For barometer or attached thermometer readings not given in the table the temperature correction will be determined by interpolation. The sum of corrections for instrumental error, gravity, and removal will be applied to the correction for temperature before recording the latter. Example: Observed barometer reading, 29.512; attached thermometer, 62.0; sum of corrections, +.008. The temperature correction card gives a correction of −.089, to which add the sum of correction +.008= −.081 to be used and recorded in column headed "Total correction."

42. If the position of the barometer be changed and the elevation increased, .001 inch will be added to the sum of corrections for each foot of increase; if the elevation be decreased, .001 will be subtracted for each foot of decrease. These corrections will be applied pending the receipt of new correction cards.

43. Reduced Pressure.—The reduced barometer will be taken directly from the special table supplied to each station and will be entered to hundredths only. The temperature argument, at stations making two observations daily, will be the mean of the current temperature and that at the preceding regular observation; at stations making but one observation daily it will be the mean of the maximum and minimum tempertures as read at the time of observation. The pressure argument will be the station pressure to hundredths of an inch only (the third decimal being disposed of according to rule). Enter the table with the arguments as above described and find the point where the argument lines intersect; the value there given will be the reduced pressure. It will be necessary to interpolate for the hundredths when the station pressure falls between the tenths of an inch as given at the top of the table. No interpolation will be required for temperature argument if the table be extended so that for each temperature entered there is a difference of only one hundredth in the table. The temperature argument for a special observation will be the mean of that and the preceding regular observation.

44. 3,500 and 10,000 foot planes: The temperature and pressure arguments will be the same as for the sea-level pressure, and the pressure for these planes will be obtained from the tables furnished for said elevations in the same manner as the sea-level pressure and the data will be entered to hundredths of an inch only.

### TEMPERATURE.

45. All thermometers must be read and the readings recorded to the nearest tenth of a degree, except the attached thermometer, which will be read and recorded to the nearest half degree.

46. The dry-thermometer readings will be reduced to the various planes by applying the corrections in the table furnished for reducing the "monthly temperature" to these planes.

47. Instrumental corrections will not be applied to thermometer readings except when they are ± 0.3 or more in the case of mercurial thermometers, and ± 0.5 or more in the case of minimum or alcohol thermometers, or at temperatures of 42° or lower; and when the wet thermometer reads higher than the dry, then all corrections will be applied to the readings of the dry and wet bulb thermometers. The corrections furnished are for each 10°, and will be applied algebraically to the scale readings of the thermometers before recording the same. For a scale reading between those for which corrections are given, an interpolated value of the correction will be used. Example: For a reading of 62.0° the correction is −0.5°. The true temperature is, therefore, 62.0°−0.5°=61.5°. For a reading of −8.0° the correction is −1.2°, the true temperature is −8.0°−1.2°= −9.2°. For a reading of −28.0° the correction is +7.8°, the true temperature is −28.0°+7.8°= −20.2°. The corrections of thermometers are given on the cards only as low as actual comparisons have been made with substandards. If it should happen that a reading of a thermometer is obtained at a point lower than any for which its corrections are given, then the corrections will be determined by continuing the same ratio of increase or decrease as between the last 30° for which the corrections are given. Example: The correction at +2° is −0.6°, and at −28.0° is −2°. The change of correction between +2° and −28° is −1.4°. For 7° it is about −0.3°. For a scale reading of −35.0°, which is 7° below −28.0°, the correction is −2.3°, and the true temperature is −35.0°−2.3° =−37.3°. When the signs of the temperature and correction are the same, add; when different, subtract.

48. The maximum and minimum thermometers will be set both at the a. m. and p. m. regular observations. They will not be set when taking special observations.

49. Observers should always note whether there is agreement in the temperature values given by the several thermometers; that is to say, (1) the top of the alcohol column of the minimum should indicate the same or nearly the same temperature as shown by the dry thermometer; (2) the minimum thermometer reading should be as low as, or lower than, the dry thermometer at the current and preceding observations; (3) the maximum thermometer reading should be as high as, or higher than, the dry thermometer at the current and preceding observations. Readings contrary to the above rules, if the instruments are properly set and read, are abnormal, and steps will be taken at once to discover and remove the cause or replace the instrument if defective. Small differences, however, amounting in some cases to nearly or quite a degree, will occasionally be found to occur. On such occasions the exact readings must be recorded, with an explanatory note.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet-bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet-bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry-thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandths of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph, the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56), except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 224). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observation of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 217 and 222–227). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink. When the standard of time in local use is not 75th, 90th, 105th, or 120th meridian time the 8 a. m. and 8 p. m. readings, 75th meridian time, will not be entered, but the corrections at these hours will be entered at the nearest hour, standard of time in local use, and the correction will be applied as usual.

60. In case the register fails to record for a portion of the day the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions; the means being recorded to tenths.

63. Average Hourly Reading.—The mean of the column headed "Sum" will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. The actual time sunshine was recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading "Sunshine recorded during hours ending" (4 a. m. to 9 p. m., standard of time in local use).

66. The photographic record of sunshine obtained on the sensitized charts is recorded on solar time, which differs from local time by a variable amount, as shown in fig. 3, Circular G, Instrument Division. If the time error amounts to a tenth of an hour or more it must be elimi-

nated by complying with the instructions contained in paragraphs 24, 25, and 27 of Circular G, Instrument Division.

67. In tabulating the data from photographic records it will be necessary to change local mean time to the standard of time in local use. Hour lines will be ruled on the photographic record in red ink to correspond to the standard of time in local use. If the local mean time of the station is twenty minutes faster than standard of time in local use the red-ink hour lines will be ruled twenty minutes to the right of the hour lines, and if local mean time is twenty-five minutes slower than standard of time in local use the lines will be ruled twenty-five minutes to the left of the hour lines, etc. The data will then be tabulated with reference to these adjusted hour lines.

68. The "Character of sunrise and sunset" will be recorded as clear, cloudy, foggy, hazy, or smoky, depending upon whether the sun was visible or obscured at the time of sunrise or sunset. When the character of sunrise or sunset is cloudy, foggy, hazy, or smoky the time these conditions obtained will be deducted from the full possible twilight correction.

69. It is not intended that observers shall go on duty at unreasonably early hours in order that the character of sunrise may be determined, but it is believed that, without much inconvenience, sufficiently accurate data can be obtained by noticing the character of weather immediately upon rising and by inquiry of persons who may have occasion to be up at time of sunrise.

70. The "Twilight correction" will be the difference between the time of sunrise for the latitude of station (as shown by Sunshine Table, Edition 1905) and the time at which the sunshine record began, and the difference between the time the sunshine record ended and the time of sunset (shown by table), provided the sky was clear during both these periods. If there were clouds, fog, etc., on the horizon sufficient to obscure the sun, either morning or evening, the time the sun was obscured should be deducted from the correction, as determined above.

71. The twilight correction will be apportioned among the morning and evening hours during which the sun shone and the register failed to record. The amount which belongs to each hour will be entered in red ink to the left of and above the entry of the amount of recorded sunshine. The twilight correction thus entered will be included in the sums entered at the bottom of the page.

72. Under "Hours of sunshine" the column headed "Total" will be the total recorded, including twilight correction. The "Possible hours of sunshine," recorded in the succeeding column, will be computed from the time of sunrise and sunset, as previously taken from Sunshine Table, Edition 1905.

73. In order that the first and last of the monthly "sums" under "hours ending" shall not be discordant with the "divisors" employed at the end of the month, the first and last fractional proportions of the "twilight correction" will be recorded each day to the nearest hundredth of an hour, provided the sun when at the horizon was not obscured; all other entries will be to the nearest tenth.

74. The "Percentage of possible hours of sunshine" will be obtained by dividing the total for each day (total recorded, plus twilight correction), multiplied by 100, by the "Possible" for the same date.

75. The "Percentage of possible for each hour" will be determined by dividing the "Sum," multiplied by 100, by the number of hours of possible sunshine for the entire month during the hour indicated by the heading of the column. Except for the hours ending shortly after sunrise or sunset the "Hours of possible sunshine" will be the same number as there are days in the month. The divisors to be used for the hours ending shortly after sunrise and sunset are given in Sunshine Table, Edition 1905. The "Percentage of possible" for the month will be determined by dividing the sum of column headed "Total," multiplied by 100, by the "Possible" for the month.

76. All percentages will be recorded to the nearest whole per cent.

77. If at any time the amount of sunshine recorded by the instrument is known to be incorrect, either because the instrument fails to record when the sun is faintly obscured by thin haze, cloud, light fog, or light smoke, or because it continues to record for moderate cloudiness which obscures the disk of the sun, the true amount, as determined by eye observations, will be entered in the proper hour spaces in black ink and an explanatory note made on the margin of the form and on the original record sheets. A slight readjustment of the angle of inclination of the glass tube will eliminate imperfect results of this character with the electrical sunshine recorder.

78. No twilight corrections for the first and last hours will be entered under the conditions given in paragraph 77, but the record for the entire time will be in black ink.

79. When hills, trees, or buildings in easterly and westerly directions cause the actual times of sunrise and sunset to differ from those in the table, the observer will note, about the 15th of each month, or oftener if the horizon is very irregular, the time of actual sunrise and sunset, for the center of sun's disk, and note those observations on the margin of the page.

80. When the photographic sunshine recorder is used the sensitized charts containing the permanent record will be pasted on Form No. 1065, provided for that purpose, before forwarding them to the Central Office (see paragraphs 25 to 27, Circular G, Instrument Division), but all data will be tabulated on page 4, Form No. 1001, only in accordance with the special instructions given.

## WIND.

81. The current velocity, and maximum velocity since last observation, will be obtained in accordance with paragraphs 181–184. When the anemometer cups are not moving at the time of observation the wind will be recorded as calm, whether or not 1 or more than 1 mile has been recorded during the last hour; if the cups are moving, a velocity of 1 mile or more will be recorded. The maximum velocity will be entered on pages 2 and 3 only when it equals or exceeds 25 miles per hour. Where but one observation is taken daily, enter the prescribed velocity for the twelve hours preceding the observation and omit entry for the succeeding twelve hours.

82. The maximum velocity must always be equal to or greater than the current velocity, and will have but one direction recorded therewith.

83. The current velocity will be the reading at the time of taking the observation, i. e., between 7.40 and 8 o'clock, 75th meridian time. The

maximum velocity will be the highest velocity for a five-minute period during the twelve hours preceding the regular observation.

84. Whenever there is a break in the record, enter note with the maximum velocity for each twelve hours, and for the day, stating the time for which they are a record.

85. The total movement for the twenty-four hours ending at 12 midnight will be used as the total daily movement.

86. The prevailing direction of the wind for each hour will be entered in the hour spaces, page 6. Only one entry will be made as the prevailing direction for any single hour. If two or more directions are recorded an equal number of times on Form No. 1017, consider the directions adjacent to the hour in determining the direction to be entered as prevailing. When the wind movement for any hour is entered as "0," the direction for that hour will also be "0."

87. The prevailing direction for the day, and for the hour as recorded at the foot of page 6, is the direction or directions which appear most frequently in the respective line and column.

88. The direction recorded the greatest number of times during the month will be considered and entered as the prevailing direction for that period. If two or more directions occur an equal number of times consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered.

89. Hourly Wind Movement.—The number of miles of wind recorded each hour will be entered for each day on page 7.

90. In counting the number of miles of wind for each hour the closing of the circuit should be counted as the mile and should be given to the hour in which the circuit closed.

91. The record for each day on pages 6 and 7 must be completed on the day following that for which the entries are made, or as soon thereafter as practicable, and the total for each day compared with the total from midnight to midnight, for the same period of time, entered on the face of the wind sheet.

92. The average hourly velocity will be obtained by dividing the total movement by the number of hours in the month.

93. The maximum velocity during the hour will be entered in red ink in the upper left-hand corner of the hour space each hour that the maximum velocity exceeds the limit fixed by the official in charge, for entry in Form No. 1014 (see par. 163). This velocity will be entered in the space provided at the top of the page.

## CLOUDS.

94. Entries of clouds will be printed thus: Ci., Ci.St., Ci.Cu., A.Cu., A.St., St.Cu., Nb., Cu., Cu.Nb., St.

95. The amount of clouds will be recorded on a scale of zero (0) to ten (10). If no clouds are visible, record zero (0); less than one-tenth, record "Few;" less than two-tenths and not less than one-tenth, record 1, etc. Absence of movement will be indicated by the figure zero (0) in the space for direction; and at night, when there is doubt as to kind and direction, a query mark (?) will be placed after the questionable record. The directions from which the clouds are moving will be recorded to eight points of the compass, as N., NE., E., etc.

96. Haze, smoke, and fog will not be recorded in tenths, but must be designated as dense or light, except when smoke or fog occurs in only a portion of the sky, then as follows: $\frac{1}{10}$ light fog in NE., W.; $\frac{2}{10}$ light smoke in W., N., etc. These fractional amounts will not be considered in footing up the columns.

97. No clouds will be recorded with dense haze. If clouds are observed, the haze will be entered as light. Haze will not be given a direction. When dense haze is observed the state of weather will be recorded as "Hazy," and when light haze is observed the state of weather will be determined from the amount of clouds.

98. Dense smoke and dense fog (unless they prevail with nimbus clouds) will not be recorded when clouds are observed, except when from the roof of a building the sky can be seen, in which case a note will be entered stating the fact, and the state of weather will be determined from the amount of clouds; otherwise, when dense smoke or dense fog is observed the weather will be recorded as "Smoky," or "Foggy," as the case may be. When light smoke or light fog is observed the state of weather will be determined from the amount of clouds.

99. Fog and smoke can have a direction; when no movement is perceptible, record zero (0) in space for direction.

100. If there be two or more kinds of clouds observed, invariably record the upper first and the lower immediately underneath in the space for clouds.

101. Clouds will be recorded according to their form without reference to the occurrence of precipitation. That is, if rain is falling from strato-cumulus clouds, record the clouds "St.Cu." and the state of weather "Light rain," etc. When precipitation is occurring with dense fog, record the clouds "10 Nb." and the direction the same as the wind. When precipitation is occurring in the distance, but not actually at the place of observation, an explanatory note will be entered and the state of the weather recorded in accordance with the conditions at the place of observation.

102. Observers should be careful not to record cumulus or strato-cumulus as cumulo-nimbus. It is seldom that more than a few tenths of cumulo-nimbus clouds are visible.

103. In the column "Average cloudiness," page 4, observers will record in whole numbers the average amount of clouds during the day (sunrise to sunset) on a scale of zero (0) to ten (10), as determined from frequent personal observations.

104. The "Character of day" will be determined from data in column headed "Average cloudiness;" zero to three, inclusive, record "Clear;" four to seven, "Partly cloudy;" eight to ten, "Cloudy."

## PRECIPITATION.

105. The time of each beginning and ending of precipitation will be recorded; intervals of fifteen minutes or less between the time of ending and recommencement not being considered except near the time of an observation, when all beginnings and endings must be recorded.

106. When a thunderstorm occurs the international symbol for thunderstorm (⊼) will be entered on the right-hand margin of page 8 on each day, midnight to midnight, standard of time in local use, on which thunder was heard.

107. The amount of rainfall will be determined by measuring with the "measuring stick" the amount in the receiver of the rain gage; record as the amount one-tenth of the actual depth measured. After the receiver has been emptied the water in the overflow, if any, will be poured into the receiver, measured, and added to that found in the receiver. Precipitation of less than 0.005 of an inch will be recorded "T." When the p. m. observation is not taken, the amount of precipitation for that observation will be measured the same as if both observations were taken.

108. When there is danger of evaporation, the rainfall will be measured as soon as the rain ceases, and the water, if drawn off, will be returned to the gage. If the measurement at the next regular observation exceeds this one, it will be substituted therefor.

109. All precipitation entirely or partially in the form of sleet, snow, or hail will be melted, poured into the rain-gage receiver, measured, and recorded in the same manner as rainfall. The measurement of precipitation in the form of snow is attended with much uncertainty, due to the action of the wind in drifting the snow and preventing it from entering the gage or blowing out a portion of the snow that has entered. If the observer has reason to believe that the amount collected in the snow gage is not the total snowfall since last observation, three measurements of the depth of snow will be made at different places and the mean of these measurements recorded as the actual depth of the snow. If it is impracticable to melt the snow, or the amount collected in the snow gage is not considered correct, one-tenth of the amount of snow in the gage or from measurements elsewhere, as the case may be, will be recorded as the amount of precipitation for that observation, with an explanatory note.

110. The following suggestions are given for the guidance of observers in the measurement of snowfall:

While one-tenth the depth is arbitrarily adopted as the water equivalent of snow, yet this is only coarsely approximate, and observers should always endeavor to determine the actual equivalent by one of the following methods:

*First method.*—Select a place where the snowfall is as little disturbed as possible and cut out a section with the snow gage, or 8-inch overflow of the rain gage, by sinking the gage inverted through the snow and covering the mouth with a sheet of tin or thin board. The 8-inch cylindrical section of snow thus secured is then most conveniently measured by weighing, either in the gage itself, the weight of which is afterwards deducted, or after first emptying the snow into some smaller or lighter vessel. If this weight can be ascertained with an accuracy of within one-fourth of an ounce, the water equivalent will be given to the nearest hundredth of an inch by use of Table II.—Paragraph 77, Circular A, 1903.

*Second method.*—If the snow is melted and measured in the measuring tube of the rain gage, care must be taken that loss does not occur by evaporation. Rapid melting must be avoided. The best results are obtained, not by melting directly, but by mixing a measured quantity of warm water with the snow and then measuring the slushy mixture, just as if the snow were all melted, deducting, of course, the amount of warm water added. Ten, or even five inches of warm water in the measuring tube are sufficient for effecting the measurement of a very considerable snowfall. Care must be taken in changing the snow or water from one vessel to another that portions of the precipitation are not lost.

111. When precipitation is occurring at the time of observation, or occurs between the taking of the observation and 8 o'clock, 75th meridian time, a check mark will be made on Form No. 1017 or No. 1028 to show the exact time of observation. The record for that hour as entered on the face of the above forms will include the amount between the check and the end of the hour, but under head of precipitation at time of the a. m. and p. m. observation on the above forms, as also similar headings on Forms No. 1001, No. 1014, and No. 1083, the entries will show the amounts recorded at the time the measurements were made.

112. Precipitation from fog, dew, or frost will not be recorded in this form. Absence of precipitation will be indicated by the figure zero (0).

113. All beginnings and endings of precipitation will be entered in chronological order on the dates on which they occur, beginning at the left-hand column. Only one entry will be made in each column when there are not more than four showers. A. m. and p. m. will be entered as "a" and "p," respectively. When time of beginning and ending is unknown it will be recorded as D. N. a. or D. N. p. (during night).

114. The depth of snowfall (which remained on the ground for an appreciable length of time) during the preceding twenty-four hours will be entered each day in the column headed "Unmelted .... p. m. to .... p. m.," on page 8.

115. Less than 0.05 inch of unmelted snow, and all snow which melts as it falls, will be recorded as "T," and in the case of the latter a marginal note "Melted as it fell" will be entered.

116. The total depth of unmelted snow on the ground each day at 8 p. m., 75th meridian time, by actual measurement (the mean of three measurements when the snow is drifted), will be entered in the column headed, "On ground at .... p. m.," page 8.

117. All unmelted snowfall will be recorded to inches and tenths, except as indicated in paragraph 115.

118. Enter under "Amount of precipitation from melted snow (midnight to midnight)" on page 8 the amount of precipitation from melted snow (estimated if unknown). When it is estimated, a marginal note should be entered stating the fact.

119. Care should be taken in determining the character of precipitation when in the form of sleet or hail. Only the precipitation that occurs in the form of frozen or partly frozen rain should be called sleet. Hail is formed by accretions consisting of concentric layers of ice, or of alternate layers of ice and snow. It frequently happens that snow falls in the form of small, round pellets, which are opaque, having the same appearance as snow when packed. This should never be recorded as sleet.

Hail and sleet will not be entered in the columns for unmelted snow.

### WEATHER.

120. The state of the weather will be determined and recorded with reference to the degree of cloudiness, and whether or not precipitation is falling or likely to fall soon; thus when the sky is three-tenths or less covered with clouds, record "Clear;" four to seven tenths, inclusive, "Partly cloudy;" eight to ten tenths, "Cloudy;" and "Misting," "Sprinkling," "Light rain," "Heavy rain," "Light snow," "Heavy snow," "Sleeting," "Hailing," "Threatening," and "Clearing" when these conditions exist (see paragraphs 97, 98, and 105). When two or more kinds of precipitation are occurring at the time of observation all will be entered under the "State of weather." When light fog, light haze, or light smoke is observed with no clouds, the state of weather will be recorded as "Clear."

121. When a thunderstorm is prevailing at the moment of observation, or the rain is still falling, although neither thunder has been heard nor lightning seen for one hour previous to the observation, the international symbol for thunderstorm will be entered after "State of weather."

FOOTINGS AND SUMMARY.

122*a*. No data required.

*b*. Underscore in red ink maximum and minimum of the column.

*c*. Enter most frequent kind or direction, and when two or more directions or kinds are observed an equal number of times, all will be entered. Calm will not be considered in determining the most frequent direction.

Haze, fog, and smoke will always be considered in determining the most frequent kind of clouds; and the direction of fog and smoke will be considered in determining the prevailing direction of clouds, but the amount of fog or smoke will not be considered in the sums or averages.

*f*. On page 3, under "Fog," "Light," or "Dense," enter the time of beginning and ending on days when these conditions are observed at station, midnight to midnight, standard of time in local use. Enter on page 9 the dates of all days on which fog is observed. A dense fog is one that is dense enough to obscure objects at a distance of *one thousand feet.*

*g*. The monthly means of "Station pressure," "Reduced pressure," "Dew-point," "Humidity," "Vapor pressure," and "Temperature" (a. m. + p. m. ÷ 2) will be obtained by adding the monthly means of the a. m. and p. m. observations and dividing the sums by 2. The "Monthly mean temperature" will be obtained by dividing the sum of the mean maximum and mean minimum temperatures by 2. The sea-level, 3,500-foot, and 10,000-foot temperatures will be obtained by applying the corrections in the table to the monthly temperature. The 3,500-foot and 10,000-foot pressures will be obtained by using the monthly temperature as the temperature argument and the corrected monthly station pressure as the pressure argument.

*h*. In determining the highest and lowest pressure, all regular and special observations entered in the form will be considered. When the highest or lowest reduced pressure occurs on more than one date, carry the reduction to thousandths to determine the actual date.

*i*. The highest and lowest temperatures and the greatest and least daily ranges will be taken from page 8, but the dates on which they actually occurred (tenths considered) will be determined from pages 2 and 3. At stations supplied with thermographs, when the monthly maximum or minimum temperature is recorded the same on two or more dates on pages 2 and 3, the date of the highest or lowest temperature for the month will be determined by the thermograph trace, using the date on which the highest or lowest point is reached by the thermograph pen. When the greatest or least daily range of temperature occurs on two or more dates, as shown on pages 2 and 3, the date will be determined by referring to the thermograph trace.

*j*. The number of days with the maximum temperature 90° or above, 32° or below, and minimum temperature 32° or below, and zero or below will be determined from the maximum and minimum thermometer readings as recorded to tenths. When the maximum or minimum temperature is taken from the thermograph it will be considered as whole degrees.

*k*. When on more than one date, both dates will be given.

*l*. (1) Precipitation will be considered excessive when it equals or exceeds 2.50 inches in twenty-four consecutive hours, or 1 inch in one hour. See also paragraph 205.

(2) In determining the duration of excessive precipitation of 2.50 inches in twenty-four hours at stations equipped with recording rain gages, the period of duration will begin with the first closing of the circuit and end with the last closing for each shower. All intervals between showers will be excluded. At stations not equipped with recording gages the period of duration will be the time precipitation actually occurred. The period may be extended beyond twenty-four hours as long as the rate of 2.50 inches in twenty-four hours continues.

(3) When the above data are compiled for publication the following footnote will be made: "The duration is the time precipitation was actually recorded."

(4) Excessive precipitation at the rate of 1 inch an hour will not be entered on Form No. 1001.—Met'l, unless 1 inch falls within one hour. If 1 inch is recorded in less than one hour that amount only will be taken, unless the rate of fall continues excessive (at the rate of 1 inch an hour or eight and one-third hundredths inch in five minutes), in which event the entire amount of precipitation at the excessive rate and the entire time at which the rate was excessive will be entered.

(5) After 1 inch has been recorded within one hour, if the rate ceases to be excessive for a short time and again becomes excessive, whether or not it extends beyond one hour, both amounts will be included, provided the amount for the last excessive period is sufficient to make it and the nonexcessive interval, taken together, excessive.

(6) At the beginning or ending of excessive precipitation of 1 inch an hour no amount at less than that rate will be included unless required to make a total of 1 inch in an hour.

*m*. In compiling the maximum precipitation in twenty-four hours and excessive precipitation data, the division of the months will be disregarded. The same data will not be included in the compilations for two months. When the record for the 1st of a month has been included in that for the preceding month, a note to that effect will be entered on page 9.

*n*. A day with snow is one on which a trace or more of melted snow fell, midnight to midnight. A day with hail is one on which a trace or more of hail fell.

*o*. To be taken from the sum of column headed "Snowfall, unmelted, ---- p. m. to ---- p. m.," page 8.

*p*. To be determined from page 6 at stations that prepare said page and from the "Number of times observed from," as recorded in the summary, at stations that do not prepare said page. If two or more directions are recorded an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered. When calm exceeds the prevailing direction, it will be entered immediately above the latter.

*r*. Enter but one maximum wind velocity, direction, and date.

*t*. The "Monthly mean cloudiness" will be the mean of the column "Average daily cloudiness," on page 4.

*u*. To include only days on which 0.01 inch or more of rain, melted snow, sleet, or hail fell.

*v*. A day with thunderstorm is one on which thunder is distinctly heard at the station, whether or not lightning is seen or rain falls at the station. (See par. 106.)

*w.* Stations having a recording rain gage will enter the maximum fall in five and ten minutes, etc., for the month, together with the date of occurrence.

RULE FOR DISPOSING OF DECIMALS.

123. In dropping decimals, if the figure to be dropped is greater than 5 (or 5 with a remainder) the preceding figure will be increased by 1. If the decimal figure to be dropped is 5 exactly, the preceding figure when odd will be increased by 1, and when even it will remain unchanged. If the figure to be dropped is less than 5, retain the preceding figure unchanged.

124. In computing the monthly means of barometer and vapor pressure the division will be carried to four decimal places, and the fourth decimal dropped in accordance with the preceding rule. In computing all means (except for barometer and vapor pressure) carry the division to two decimal places only, and dispose of the last decimal figure according to the preceding rule.

FROSTS.

125. The date of occurrence of each frost will be recorded throughout the year in California and Florida and along the immediate coast of the Gulf of Mexico.

126. In the spring the date of occurrence of each frost will be recorded within and to the southward of the different zones on and after the dates set opposite the several lines upon the chart at the end of this circular.

127. All frosts occurring at any station between May 1 and August 31 will be recorded.

128. During the autumn and winter frosts will not be recorded subsequent to the date on which the first killing frost occurs, except as specified in paragraph 125.

129. Frosts will be designated as "light," "heavy," or "killing." The term "light" signifies no destructive effect except to tender plants and vines; "heavy," a copious deposit of frost, but which does not kill the staple products of the locality, and "killing," frost that is destructive to vegetation and staple products.

130. The character of frost, whether light, heavy, or killing, must sometimes be determined by the phenomenon itself, rather than by its effect on vegetation and the staple crops, since the latter may have passed the stage where injury was possible.

MONTHLY METEOROLOGICAL NOTES.

131. Pages 11 and 12 will contain an account of important atmospheric phenomena, not easily susceptible of tabulation, occurring at or in the vicinity of the station. Events will be described after the manner of a narrative, covering the entire period of occurrence, whether consisting of a fraction of a day or of a number of days.

132. An annual index will be prepared on the printed form provided for that purpose and will be submitted with the December Form 1001. Subjects will be indexed by month and date.

133. The meteorological notes will be written with a typewriter and the writing should be single spaced. Both sides of the sheet will be used, and, if necessary, an additional sheet will be inserted. A press copy will not be made.

134. In the reporting of meteorological phenomena too much care can not be exercised to make the account explicit and to state accurately the time of occurrence. Very often the omission of a single detail detracts materially from the value of the report.

135. In describing weather conditions and phenomena it is preferred that clock time be employed. Midnight will be understood to refer to the end of the day and will receive the date thereof. Twelve o'clock midnight and twelve o'clock noon will be written thus, respectively: 12 midnight; 12 noon. Night will be referred to thus: "Night of the 3d–4th," and will cover the time from dark to daylight.

136. At stations on the lakes and navigable rivers the opening and closing of navigation, together with the name of the first vessel to arrive and the last to depart, should be recorded.

137. Noteworthy facts in regard to frosts will be recorded in accordance with paragraphs 125–130.

138. Especial care should be taken to note the *dates* of the occurrence of the first and last frost of each character in *the annual index of the Monthly Meteorological Notes.* If the dates of the first and last killing frost can not be determined the first day with the minimum temperature of 32°, or lower, in the autumn, and the last day with 32°, or lower, in the spring, *when precipitation did not occur* while the temperature of 32°, or lower, obtained, will be recorded, with an explanatory note as to the probable cause of the absence of frost on those dates.

139*a.* A tornado is a violent local storm, in connection with which is usually noted a well-defined, pendant, funnel-shaped cloud, with attendant rotary winds, often of sufficient violence to prostrate buildings and uproot trees, and leaving unmistakable evidence of rotary winds.

*b.* Whenever a tornado occurs in the vicinity of a station the official in charge will make diligent effort to obtain an accurate description of all meteorological elements accompanying the tornado. In gathering and preparing the data relative to a tornado, information on the following points is desirable:

*c.* The path of the tornado, with the location of buildings destroyed and the distribution of the débris on either side of the storm track. This should be shown by a map.

*d.* The name of the place and the date and hour of occurrence. If the tornado passed near a town the distance, and direction from, should be noted.

*e.* The appearance of the cloud; glow, and funnel-shape; the color of cloud; the meeting of clouds; lightning, and whether seen to issue from the funnel cloud.

*f.* Character and amount of precipitation, including hail; size of hail.

*g.* Nature of attendant noises.

*h.* Direction of motion of storm.

*i.* Presence of a whirl, either as seen in a cloud or as evidenced by the distribution of the débris.

*j.* General direction in which trees or débris lay in the center line of greatest destruction, and on either side of this line.

*k.* Length of path and width at point of greatest destruction.

*l.* Number and names of persons killed.

140. Various optical phenomena are constantly occurring in the atmosphere, and while they have no very important bearing upon the weather it is desirable to note their occurrence. Among these phenomena may be mentioned auroras; halos, solar and lunar; rainbows; coronas; parhelia; paraselenæ, and mirages.

141. Auroral displays should be described, giving in all cases where practicable the time of beginning and ending and the altitude and azimuth of each extremity and of the crown of any arch of light that may be formed. Azimuths should be recorded as in astronomy, from the south point to the westward, passing successively through west, north, and east points of the compass until the starting point is reached.

142. In counting the number of auroral displays, those occurring on parts of two successive days will be counted as single displays, but in counting the dates of auroras, when they extend past 12 midnight, both dates will be counted.

143. Whenever a meteor is seen the "illumination" left by it should be carefully noted, both as to its appearance and the direction in which it apparently floats.

### FORM No. 1002.

144. This form will be made out in duplicate at the end of the year on the current edition.

145. If the elevation of the anemometer, thermometer, or rain gage has been changed, that on December 31 must be given. The dates of changes and old elevations must be carefully recorded on the margin.

146. The sum of corrections and all changes in the same must be carefully noted under "Sum of barometer corrections," page 1, and the date and observation upon which it was first used.

147. When one or more observations have been missed, connect all data for less than a full month with a footnote, stating the length of time of the record.

148. The monthly mean pressure, dew-point, relative humidity, absolute range of pressure, and all other data, except as hereinafter provided for, will be taken from the summary of Form No. 1001 or the Climatological Record. The decimal in the case of the dew-point and relative humidity will be disposed of according to rule.

149. In the space for date of highest and lowest pressure and temperature for the year enter the month and day thereof, as "July 6." The mean daily range and mean daily change of temperature will be taken from the columns similarly headed on page 8, Form No. 1001.

150. The data to be entered in the columns headed "Total" and "Possible" will be taken from the sum of the columns similarly headed on page 4, Form No. 1001. The "Percentage" will be taken from the monthly percentage of "Total." Stations not supplied with a sunshine recorder will leave these columns blank.

151. The prevailing wind direction for the year (at foot of column headed "Prevailing direction") will be determined from the sums of "Number of times observed blowing from the N., NE.," etc.

152. The mean hourly temperature and wind velocity will be taken from the mean values at the foot of pages 5 and 7, respectively, and the data for entry in columns headed "For the month," from the average hourly temperature and wind velocity, respectively. Data for less than one-half of a month will not be recorded, and in case the data for one or more months are missing the sums and means for the year will be omitted. All means will be obtained by dividing the sums of the respective columns by 12, and each mean will be recorded to the same number of decimal place as the data from which it is obtained are recorded.

### FORM No. 1003.

153. The data to be entered on Form No. 1003 will be an exact copy of those in columns similarly headed in Form No. 1002. One copy will be forwarded to the Central Office with Form No. 1002. A retained copy need not be kept.

### FORM No. 1014—DAILY LOCAL RECORD.

154. Time.—All entries will be on the standard of time in local use; this will be local mean time at the few places where such is in current use.

155. Enter against the heading "Temperature at the end of hour" the corrected thermograph readings, except whenever eye readings of the dry thermometer at exact hours are available they will be entered. The maximum and the minimum thermometer readings and the mean daily and normal temperatures will be entered on the right-hand side of the sheet, and these entries will correspond to those entered on page 8, Form No. 1001.

156. Under "State of weather" enter the nature of the precipitation, whether rain, hail, sleet, or snow, with the time of beginnings and endings. The character of precipitation may be indicated by a single letter; thus, for rain beginning at 9.15 a. m. the entry would be "R. B. 9.15" in the column headed 9–10. The ending should be indicated in a similar manner in the proper hour column.

157. On the right-hand margin of the form, opposite the heading "Nature of precipitation," etc., the total depth of snowfall for the twenty-four hours ending at 8 p. m., 75th meridian time, will be entered.

158. The blank space on the form for the time will be filled up by entering the standard time in local use corresponding to 8 p. m., 75th meridian time. In the same manner the amount of snow on the ground at 8 p. m., 75th meridian time will be entered.

159. In the spaces against the heading "Amount of precipitation" will be given the hourly amounts, when obtainable by self-register. Stations not supplied with self-registers will leaves the spaces blank. On the right-hand margin space is provided for the entry of the total precipitation as measured at the 8 a. m. and 8 p. m. observations, 75th meridian time, except that the time will be given in the local standard in use at the station instead of 75th meridian.

160. The total precipitation, midnight to midnight, will also be entered in the space provided for it. At stations not provided with self-registers the amount will be estimated and a note to that effect will be made.

161. In the spaces headed "Cloudiness and other conditions" the state of the weather will be indicated by the words "Clear," "Partly cloudy," "Cloudy," "Fog," etc., and the time that these conditions prevailed will be indicated by means of arrows and lines drawn through the hour spaces on both sides of the word and ending at the time when the conditions began and terminated. Moonlight should be observed and a symbol entered to indicate the phase of the moon on the date for the

maximum of each phase. If the moon is obscured at intervals, either totally or partially, these facts should be noted. The "character of the day" will be entered in the space provided for it.

162. The space headed "Sunshine" is intended to replace the entries which were formerly made on Form No. 1070, and the instructions which apply to page 4, Form No. 1001, will be followed in entering the data on this form.

163. In like manner the spaces for "Wind direction" and "Wind movement" will be prepared precisely as the similar columns on pages 6 and 7, Form No. 1001. The third space under wind, "Maximum velocities exceeding ..... miles," will contain a statement of the maximum hourly velocity and direction, together with the time the maximum occurred, as taken from Form No. 1017 or No. 1015 whenever the wind exceeds a certain limit. This limit will be fixed by officials in charge of stations. In general, maximum velocities below 25 miles will not be entered unless there is demand for them at the station. Officials in charge will aim to enter only those maximum velocities which may be of importance to the public interests at the station.

164. Space has been provided for use in entering excessive precipitation data. Against the right-hand margin of this space relative humidity, reduced barometer, and river readings should be entered.

165. Copies of the barograph and thermograph trace will be made on the diagrams at the foot of the page.

166. The space provided for notes will be used whenever the instrumental readings do not clearly express the weather conditions of the day. Under this head a description should be given of all severe storms, cold waves, frosts, or any abnormal condition that may prevail, together with the time of receipt and the time of hoisting and lowering of warnings of all kinds. The Daily Local Record should contain a complete history of the weather of the day and be carefully verified. It will be retained at the station, and a copy will not be furnished to the Central Office. It should be made in record ink.

167. All special features will be indexed.

### FORMS No. 1015, No. 1017, No. 1028.

175. Enter in the lower right-hand corner of each sheet the meridian of time on which the record is made; as 75th meridian time, 90th meridian time.

176. Incomplete Records.—Observers will examine the registers each morning immediately upon arriving at the office to see whether or not they are working properly. If the anemometer is out of order a dial reading will be made at once and entered on the sheet, together with the time at which it was made.

177. Dial readings will also be made at each regular observation and at each noon during the incomplete record and when the record is started, and entered on Form No. 1015 or No. 1017. The data will be interpolated when the loss of record is less than twenty-four hours. Short breaks in the record when the self-register fails to work may be estimated when the observer believes he can approximate what the record would have been. In all such cases an explanatory note will be entered on all forms where the data are used.

178. In case of loss of record for a period of twenty-four hours or more, blank sheets for the period containing the name of the station, dates, and such data as can be obtained will be prepared and forwarded with the regular monthly package.

179. Whenever the instrument has not been running on correct time a note should be made to indicate the true time of the record.

180. The total movement of the wind for each six hours and for the day will be entered on the left-hand margin in the proper spaces.

181. Current Velocity, How Obtained from Register.—To obtain the current velocity from the anemometer record, take the number of spaces and parts of spaces between the mile marks recorded in the five minutes preceding the moment considered and multiply the result by 12, except when the wind has blown at the rate of less than 12 miles an hour, when the velocity will be determined as shown by the second example below.

First example: Suppose the number of spaces indicating mile marks between 7.55 p. m. and 8 p. m., 75th meridian time, was $1\frac{1}{4}$, then the velocity of the wind to be recorded at the p. m. observation is $1\frac{1}{4}\times12=15$ miles per hour.

Second example: If the interval between the last two mile marks is seven minutes, then the current hourly velocity will be obtained by dividing 60 by $7=8\frac{4}{7}$ miles, recorded as 9 miles.

182. Maximum Velocity, How Obtained from Register.—The maximum velocity of wind will be obtained by considering the number of spaces and fractions thereof between the mile marks in the five minutes where the velocity is the greatest and multiplying the result by 12; the product will be the maximum velocity.

183. If the shortest space between two mile marks in the period covers more than five minutes of time, then the elapsed time for said space will be the basis of the calculation. Example: If the shortest space between two mile marks is thirteen minutes, then the maximum velocity is $60\div13=4.6$ miles per hour, which will be recorded on Form No. 1001 as 5 miles.

184. For convenience and accuracy in determining the velocity of the wind a scale has been prepared and furnished to each station with which the velocities may be read direct from Form No. 1017—Met'l without computation. This scale consists of a series of subdivisions equal in length to the intervals between the mile marks on the record sheet for all velocities from 5 to 39, and for every even mile from 40 to 78 miles per hour. To determine the velocity, find the portion of the scale where the subdivisions correspond to the mile marks on the sheet. If the mile marks correspond with the smallest subdivisions, the velocity is shown by the first row of figures on the scale. If the mile marks correspond to 2, 4, or 8 of the subdivisions, the velocity is shown by the second, third, or fourth row of figures. When measuring maximum or current velocities for which a whole number of miles is not recorded in five minutes, it will be necessary to estimate the proportional part of a mile required to complete the five-minute period.

185. Maximum Velocities Entered on Wind Sheets.—The maximum wind velocity (for any five minutes) for the day, midnight to midnight, standard of time in local use, and the maximum velocity, when entered on pages 2 and 3, Form No. 1001—Met'l, will be entered in ink on Forms No. 1015 and No. 1017—Met'l immediately above the record as shown by the self-register. Care will be taken not to obliterate any record, and the word maximum will be abbreviated thus: Max. 25.

186. Current Wind Velocity, How Obtained from Dial.—Make two readings of the outer dial with an interval of five minutes between

them. The difference between these readings will be the distance, in miles and tenths, traveled by the wind in that interval. This, multiplied by 12, will give the indicated velocity in miles per hour. Example: Suppose the index of the anemometer to be at 3.4 on the outer dial when the first reading is taken and at 4.1 five minutes after, the difference, 0.7 mile, is the distance traveled in that time; and this, multiplied by 12, gives a velocity of 8.4 miles per hour.

187. The total movement by register for any period will be obtained by counting the number of marks in the period.

188. Wind Movement from 12 Noon to 12 Noon by Dial, How to Obtain.—Subtract the reading of the anemometer dial at 12 noon of the preceding day from the reading taken at 12 noon of the current day; the difference will be the total movement. When the reading of the anemometer is less than the reading of the preceding day, 990 miles will be added to it, and the remainder, after subtracting the reading of the preceding day, will be the total movement. Example: The dial reading of to-day is 91, and that of yesterday was 950, hence we have $91+990=1081$; $1081-950=131$, the total movement of the wind in miles from noon to noon.

189. Velocity of Wind, Estimated.—Whenever instruments are not available for directly measuring the wind velocity it will be estimated by reference to the following scale:

| Name. | Miles per hour. |
|---|---|
| Calm | 0 to 5. |
| Light | 6 to 15. |
| Moderate | 16 to 25. |
| Brisk | 26 to 35. |
| High | 36 to 50. |
| Gale | 51 to 65. |
| Hurricane | 66 or more. |

190. Dial Readings.—The reading of the anemometer dial made at 12 noon on the first day of each month and at 12 noon each Monday during the month will be recorded on the sheet just taken from the register. Only actual dial readings will be recorded.

191. The accuracy of the anemometer record for each month may be verified at the end of the month as follows: Ascertain the total wind movement by register from 12 noon of the first day of the month in question to 12 noon of the first day of the succeeding month; add to this the dial reading on the first day of the month being verified and divide the sum by 990; the remainder should equal the dial reading on the first day of the succeeding month.

*Example.*

| | |
|---|---|
| Total movement, 12 midnight to 12 midnight | 3,283 |
| Less twelve hours preceding 12 noon of the first day of month | 70 |
| | 3,213 |
| 12 midnight to 12 noon of first of succeeding month | 22 |
| Dial reading on first day of month | 303 |
| | 990)3,538(3 |
| | 2,970 |
| Dial reading on first day of succeeding month | 568 |

192. Anemometers Changed.—When the anemometer is changed a note will be made on the lower margin of the anemometer record sheet, giving the date and the hour of the change and the dial reading of both old and new instruments. If changed at 12 noon both readings will be recorded on the sheet just taken from the register.

193. When an electric sunshine record is made the character of sunrise and sunset will be written, at the proper hours, on Form No. 1017.

194. When both sunshine and rain are recorded on the same sheet, the portion representing rain will be clearly marked by brackets and such footnotes added as may be necessary to completely identify the records in case there is likely to be uncertainty.

195. Precipitation.—Whenever a station is equipped with a recording rain gage, that gage will be regarded as the station gage, and the measurements of the amounts of precipitation it collects will be the official measurements of the precipitation at the station.

196. Beginning and Ending of Precipitation.—The time of beginning and ending of precipitation will be recorded on the automatic record sheets (Forms No. 1017 and No. 1028) by direct and reverse check marks, thus (√) (\), accompanied by the letters B and E, respectively, said check marks being placed at the points corresponding in time on the sheet to the observed time of beginning or ending of precipitation, standard of time in local use. Whenever the time of beginning or ending is doubtful the entry will be accompanied by a query mark (?). Any information that will aid in determining the hourly amounts and rates of rainfall, when imperfectly recorded, should be given.

197. The characters B. D. N. or E. D. N. will be used to denote the beginning and ending of precipitation during the night, when the time is not known.

198. Whenever it becomes necessary to remove the recording gage to prevent injury from freezing (see paragraph 26, Circular E, Instrument Division), a note will be entered on page 9, Form No. 1001, giving the dates it was removed and again exposed. Stick measurements of the amount of precipitation collected in the snow gage will be made as instructed in paragraphs 109 and 110.

199. The precipitation collected in the tipping-bucket gage will be drawn off at each regular observation, the contents measured by stick in the measuring tube, and the amount recorded on Forms No. 1001 and No. 1017.

200. When the amounts by register and stick measurements at an observation differ by 10 per cent or more, a brief explanation of the probable cause of the discrepancy should be noted on the form upon which the disagreement appears.

201. At stations using the weighing gage the amount of precipitation at the regular a. m. and p. m. observations will, in general, be determined from the record sheet; but, in case of failure of the instrument to properly record, the amount of precipitation will be found by adjusting the sliding weight on the gage until equilibrium is established. The amount of precipitation is then shown by the scale reading, which will be taken to the nearest hundredth only. If a satisfactory scale reading can not be made for any reason the contents of the gage will be emptied into and measured in the tube of the standard 8-inch gage. The recording gage should then be set in operation as soon as practicable.

202. Whenever the gage is emptied at any hour other than noon, the time and the amount of precipitation in it will be entered at the foot of the form. When the sheet is removed the actual amount of precipitation will be entered in the space at the foot of the form, and the trace lines for each twelve hours will be dated at the beginning and ending of the line.

203. The hourly amounts of precipitation will be entered in red ink, near the middle of the hour period, on Form No. 1017 or No. 1028, whichever is used for obtaining the instrumental record; for example, the amount during the hour from 1 to 2 p. m. will be entered near the 1.30 p. m. line on the sheet. In case of precipitation only partly recorded the hourly amounts for the period during which the record was defective will be estimated, if sufficient data are available; otherwise they will be omitted.

204. The totals of the hourly precipitation must in every case equal the total precipitation by stick measurement.

205. In tabulating excessive precipitation data from Forms No. 1017 and No. 1028 for storms in which the rate of fall equals or exceeds the limits shown in the following table, the accumulated amounts for each successive interval of five, ten, fifteen minutes, etc., during which the precipitation continues at an excessive rate will be entered in the table provided for that purpose in the summary, Form No. 1001. Under head "Total duration" will be entered the beginning and ending of precipitation; under "Excessive rate" will be entered the time precipitation began to fall at an excessive rate, which will not be less than 0.05 inch in five minutes irrespective of the printed lines on the form, and the time the precipitation fell below that rate. This, however, must not be construed to mean that short periods during the progress of a storm where the rate falls temporarily below this limit shall be excluded. When the rate falls below the lowest limit, 0.05 inch in five minutes, for a period of thirty minutes or more the succeeding excessive precipitation will be tabulated separately. Under the heading "Accumulated depths of precipitation," etc., will be entered the accumulated amounts for the respective periods, all periods beginning at the same point of time, which should be identical with that given under "Excessive rate, began—." The tabulation will be continued so long as the excessive rate, as indicated above, continues. When the excessive rate extends beyond one hundred and twenty minutes the tabulation will be made for each fifty minutes separately, so long as the excessive rate continues.

*Example.*

| Excessive rate. | | Amount before excessive began. | Depths of precipitation (in inches) during periods of time indicated. | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. |
| 7.01 a. m. | 7.51 a. m. | 2.66 | 0.08 | 0.25 | 0.38 | 0.52 | 0.77 | 0.88 | 0.92 | 1.28 | 1.42 | 1.80 |
| 7.51 a. m. | 8.41 a. m. | ------- | 2.05 | 2.24 | 2.42 | 2.61 | 2.82 | 2.86 | 2.91 | 2.94 | 3.10 | 3.30 |
| 8.41 a. m. | 9.31 a. m. | ------- | 3.53 | 3.61 | 3.78 | 3.92 | 4.19 | 4.29 | 4.35 | 4.45 | 4.64 | 4.70 |

*Table showing limits at which precipitation may be considered as excessive.*

| Duration in minutes. | Depth of precipitation in inches. | Duration in minutes. | Depth of precipitation in inches. |
|---|---|---|---|
| 5 | 0.25 | 35 | 0.55 |
| 10 | 0.30 | 40 | 0.60 |
| 15 | 0.35 | 45 | 0.65 |
| 20 | 0.40 | 50 | 0.70 |
| 25 | 0.45 | 60 | 0.80 |
| 30 | 0.50 | | |

206. Storms in which the amount of fall does not equal that given above for any of the periods of time will not be tabulated.

207. In the case of the records from the tipping-bucket gage it must be remembered that in addition to accidental errors due to defective action of the recording mechanisms, there will also frequently be found a discrepancy between the recorded and measured amounts, which is apt to increase with the rate of rainfall, and varies slightly with different gages, and even with the same gage under different circumstances, as regards cleanliness, moisture, etc. The observer must, therefore, apportion the corrections with reference to different rates of rainfall, remembering that hours of heavy rainfall should receive greater corrections than hours in which the rainfall is at a slower rate.

208. In general the method of apportionment illustrated in the following examples will be employed in correcting the automatic records for discrepancies referred to above.

209. Example 1.—The recorded amount of precipitation is 1.14 and the amount by stick measurement 1.23, showing a deficiency in the recorded amount of 0.09. This amount must be added to the record; that is, at the rate of 1 tip for each 12 tips recorded ($1.14 \div 0.09 = 12$; dropping all fractions). Therefore, in each group of 12 recorded tips one extra tip will be added, and the record thus corrected will equal the stick measurement.

210. Example 2.—The recorded amount is 0.86 and the measured amount 0.80, showing an excess in the recorded amount of 0.06. One tip must, therefore, be stricken out in each group of 14 recorded tips ($0.86 \div 0.06 = 14$).

211. In performing the divisions indicated in these examples the observers will always drop all fractions.

212. In many cases the exact point at which a tip is added or stricken out is not of great importance, but, in general, these corrections should be made at those portions of the record showing a noticeably rapid rate.

213. The points at which tips are stricken out in accordance with the foregoing instructions will be indicated on the record sheet by a small cross mark ($\times$) in red ink, and the points where tips are added by a caret ($\wedge$) immediately underneath the point; such marks will not be used for any other purpose on the rain-gage record sheets.

214. Stick Measurements.—At noon, after each precipitation, the water in the weighing gage will be carefully poured into and measured in the measuring tube of the extra gage. If the gage is recording properly, and upon inspection or test is found to be properly balanced, no

stick measurements will be made at the time of taking the observation, but the amount of precipitation will be read off from the scale on the gage in accordance with the instructions given in paragraph 59 of Circular E, Instrument Division, and recorded on Form No. 1001. If the gage is not recording properly the amount at each observation will be ascertained by stick measurement, and these values entered on Forms No. 1028 and No. 1001 at each regular observation. Since this gage is generally not emptied at the time of taking an observation, it will rarely occur that the scale reading of the gage will directly give the twelve-hour rainfall called for on Form No. 1001. At the a. m. observation it will be necessary to deduct the scale reading at the last p. m. observation, and at the p. m. observation it will frequently be necessary to add to the scale reading a quantity representing the amount of precipitation that fell between the a. m. observation and the time the gage was emptied at midday. Observers are cautioned against errors in making these entries on Form No. 1001.

### RECORDS FROM BAROGRAPHS AND THERMOGRAPHS.

215. Sheets.—Barograph and thermograph sheets will each be clearly marked on the face of the sheet with the name of the station, time on which the records are made (as 75th meridian, 90th meridian, local mean time, etc.), and date; each day's record being dated as near the noon line for that day as practicable.

216. Clocks.—Every effort should be made to properly regulate the clocks to correctly keep time, winding them once a week, or oftener if necessary. The instruments should be inspected each day by the observer and properly adjusted by him when necessary. Whenever they are adjusted a marginal note, stating the fact, will be connected with the proper hour.

217. At the time of adjusting the barograph or thermograph pen, and when changing the record sheet, which will be at an exact hour, standard of time in local use, a reading of the station barometer (or dry thermometer) will be made and entered on the trace sheet. The corrections necessary to reduce the register to the standard at the time of changing the sheet and adjusting the pen, and for all regular and special observations, will be entered on the trace sheets in red ink. When the pen is set higher or lower there will be two corrections, one to apply to the preceding record and one to the following record. The correction to be used for other hours will be determined from the correction card by use of a pin or pins, as explained in paragraphs 223 and 224.

When the pressure or temperature at any particular station is such that the record might pass off the edge of the sheet or not be at all included in the rulings, observers will change the numbering of the lines by some convenient whole number and adjust the pen of the instrument accordingly.

218. Thermograph Time Error.—At the time of taking the a. m. observation the observer will carefully touch with a lead pencil the lever projecting from the thermograph bulb, so as to cause the pen to make a short vertical mark on the sheet. A note will be made on the first sheet for each month stating the time at which the pen is regularly touched. If it is touched more than five minutes from the regular time a note will be entered stating the exact time the mark was made.

219. Barograph Time Error.—If the barograph pen is not touched within five minutes of 12 noon a note will be entered giving the exact time the mark was made.

220. When the instrument is not running on correct time, this will be considered in taking off the data, so that it will be in true standard of time in local use.

221. Correction Card, How Used.—Ascertain the difference between the thermograph reading and the dry-bulb thermometer reading at any regular observation under consideration; then set the rubber band on the card in a notch at the left-hand edge corresponding to this difference. If this difference, or correction, must be added to the thermograph reading to make it agree with the dry-bulb reading, then the band must be set above the middle line, or, if the difference must be subtracted, set the band below. In a similar manner set the band in a notch at the right-hand edge of the card corresponding to the difference between the thermograph reading and the dry-bulb thermometer reading at the next regular observation. The hours on the correction card should be renumbered to agree with the meridian of time in use.

222. The thermograph correction at any hour between the regular observations is the distance above or below the middle line of the point at which the band crosses that particular hour line.

*Example.*

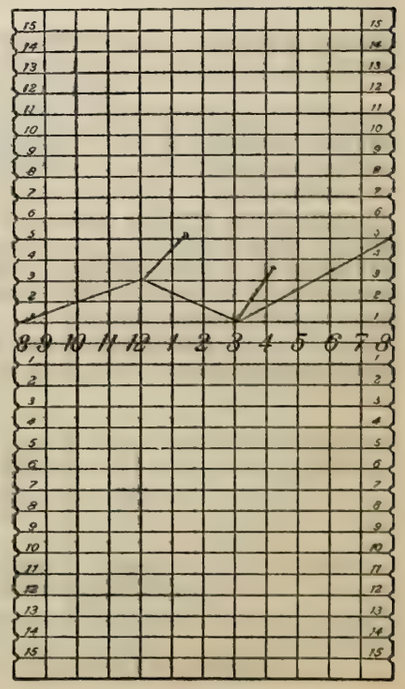
Difference at first 8 o'clock observation: + 2 (band above middle line).
Difference at next 8 o'clock observation: − 3 (band below middle line).

*Hourly correction taken to the nearest unit.*

| 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|---|---|---|
| +2 | +1 | +1 | 0 | 0 | 0 | −1 | −1 | −2 | −2 | −3 |

This card also will be used in a similar manner for correcting barograph readings.

223. Eye readings of the thermometer and barometer at exact hours, as provided for in paragraph 217, should be used to check and correct the corresponding recording instruments. If the correction at 12 o'clock, for example, was +3, and at 3 o'clock +1, then if pins be stuck in the card at these points the rubber band may be deflected in the manner shown in the figure, and a complete series of corrections for the twelve-hour period from 8 a. m. to 8 p. m., 75th meridian time, determined.



Thermograph correction card.

224. The readings of the maximum and minimum thermometers at 8 a. m. and 8 p. m., 75th meridian time, should also be used in connection with the 8 a. m. and 8 p. m., 75th meridian time, and all other readings of the dry thermometer, in order to determine the corrections to be applied to the thermograph trace throughout the twenty-four hours.

225. These corrections will also be entered on the trace sheet, and

will not be accompanied by explanatory phrases such as "correction at time of max.," "correction at time of min.," "correction at 8 a. m.," etc., as these unnecessary entries confuse the record..

226. The corrections thus determined should also be entered in red ink on page 5, Form No. 1001, at the time the dry thermometer was read, or at the hour nearest the time of occurrence of the extremes, as shown by the trace sheet, giving the preference to the previous hour whenever there is uncertainty as to which hour is nearest the time of maximum or minimum, as the case may be.

227. When the maximum or minimum temperature occurs exactly at 8 a. m. or 8 p. m., 75th meridian time, the thermograph correction for that hour will be determined from the reading of the dry thermometer only.

### FORM No. 1030.

228. The mean temperature for the month will be obtained by dividing the sum of the mean maximum and mean minimum by 2 and will be entered at the foot of the column headed "Mean."

229. The pressure and precipitation will be recorded to hundredths; temperature to nearest whole degree, except in case of the monthly means at the foot of the first three columns, normal for this month, and the average daily excess or deficiency, which will be carried to tenths. The accumulated excess or deficiency since January 1 will be the same as that recorded on page 8, Form No. 1001.

230. The average daily excess or deficiency since January 1 will be obtained by dividing the accumulated amount on the date desired by the number of days since January 1, viz, if the accumulated excess on February 28 is 51, divide it by 59, the number of days since January 1, which gives +0.9 for the average daily excess.

231. When four copies or less are issued the form may be prepared by using carbon paper and a hard lead pencil. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will also be forwarded to the Central Office on the first day of the succeeding month.

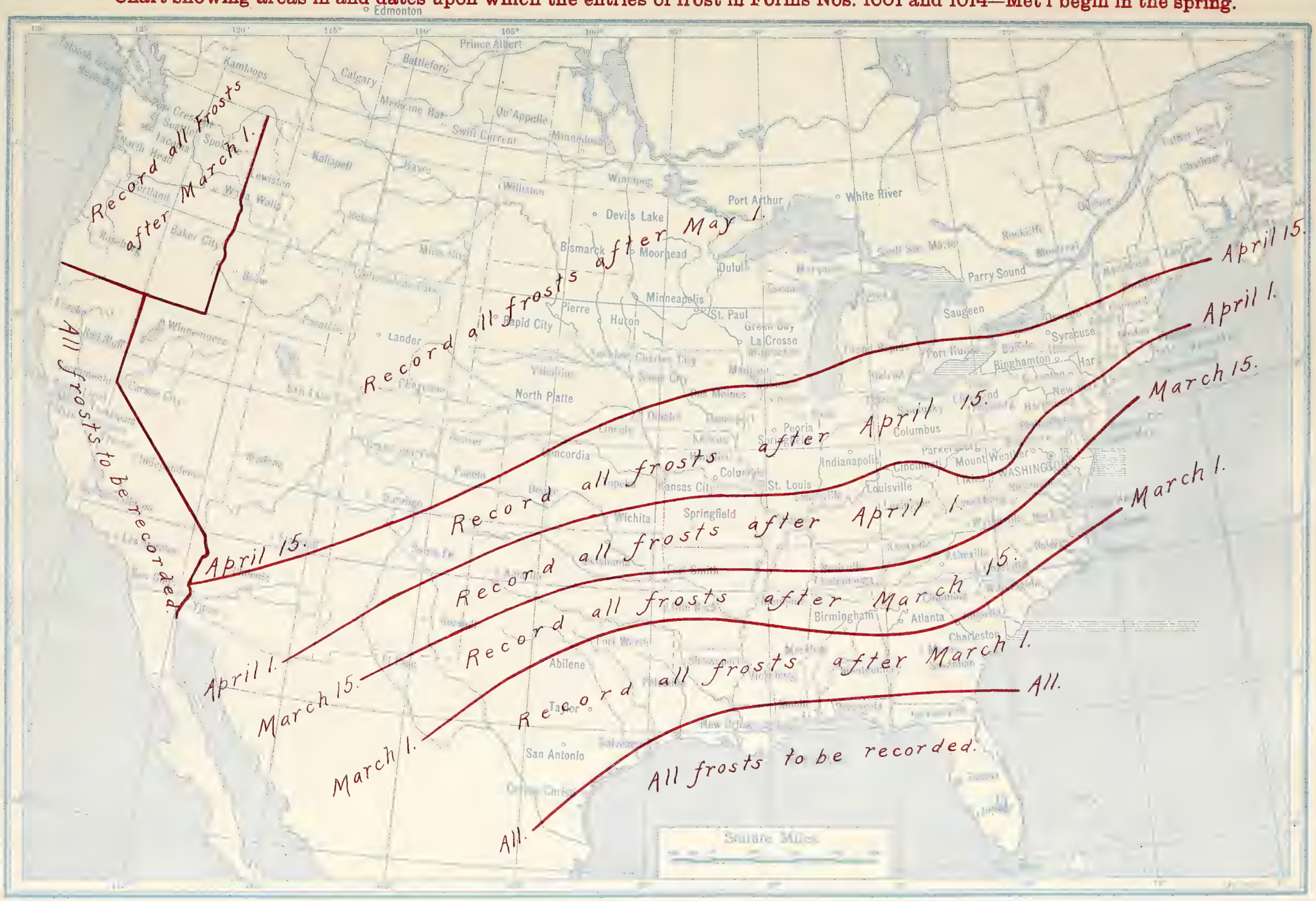
232. When used for the Pacific Coast the average and excess or deficiency of precipitation will be computed from September 1.

233. A blank column has been provided for sunshine, snowfall, or such other data as may be desired.

### FORM No. 1083.

234. Form No. 1083 will be carried when taking an observation and the data entered immediately thereon.

**Chart showing areas in and dates upon which the entries of frost in Forms Nos. 1001 and 1014—Met'l begin in the spring.**



Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

# ORIGINAL MONTHLY RECORD

OF

# OBSERVATIONS

AT

Fort Wayne, Ind.

*For the Month of* January, *1912*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, —— feet (higher or lower).

No. of extra barometer, 675; sum of corrections, .017; date and observation upon which use of station barometer commenced, May 20, 1911 7.00 a.m.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor. Berry & Calhoun street, room 911-912; first observation taken in present office, 7.00 a.m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 a. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | |
| 1 | 52.0 | 29.326 | -.071 | 29.255 | 30.22 | 15.0 | 14.2 | 12 | 86 | .070 | 21.2 | 14.3 | SW | 18 | 35 | SW | T | 10 | St | SW | Cloudy | | W.S.P. | 1 |
| 2 | 61.5 | 29.304 | -.096 | 29.208 | 30.17 | 21.8 | 20.6 | 18 | 83 | .093 | 26.3 | 19.0 | SW | 4 | | | 0 | 10 | St | SW | Cloudy | | W.S.P. | 2 |
| 3 | 68.0 | 29.392 | -.114 | 29.278 | 30.26 | 10.3 | 9.7 | 7 | 87 | .054 | 18.0 | 9.2 | NE | 8 | | | 0 | Few | St | E | Clear | | W.S.P. | 3 |
| 4 | 68.0 | 29.164 | -.113 | 29.051 | 30.02 | 11.0 | 10.0 | 6 | 79 | .052 | 25.1 | 10.0 | SW | 12 | | | 0 | 4 4 | A. St. St | SW SW | Cloudy | | W.S.P. | 4 |
| 5 | 57.0 | 29.266 | -.085 | 29.181 | 30.18 | -5.0 | -5.6 | -10 | 75 | .022 | 3.0 | -6.0 | SW | 22 | 30 | W | T | 10 | St | W | Cloudy | | W.S.P. | 5 |
| 6 | 63.0 | 29.588 | -.101 | 29.487 | 30.49 | -0.2 | -0.7 | -4 | 83 | .031 | -0.1 | -5.3 | SW | 2 | | | 0 | 10 | St | SW | Cloudy | | W.S.P. | 6 |
| 7 | 72.0 | 29.456 | -.125 | 29.331 | 30.33 | -13.0 | -13.2 | -15 | 88 | .017 | 2.8 | -14.0 | SW | 12 | | | 0 | 0 | 0 | 0 | Clear | | W.S.P. | 7 |
| 8 | 70.5 | 28.864 | -.118 | 28.746 | 29.72 | 9.0 | 8.8 | 8 | 95 | .057 | 9.0 | -3.0 | SE | 10 | | | .02 | 10 | Nb | SE | Hvy. Snow | | W.S.P. | 8 |
| 9 | 59.0 | 28.920 | -.089 | 28.831 | 29.81 | 0.5 | -0.1 | -4 | 80 | .031 | 4.5 | -4.0 | SW | 18 | 28 | SW | T | 5 3 | A St St | W W | Cloudy | | W.S.P. | 9 |
| 10 | 65.0 | 29.306 | -.105 | 29.201 | 30.20 | -0.3 | -0.9 | -4 | 80 | .031 | 4.7 | -2.4 | SW | 8 | | | T | 10 | Nb | SW | Lt Snow | | W.S.P. | 10 |
| 11 | 74.0 | 29.486 | -.130 | 29.356 | 30.34 | 8.3 | 7.5 | 4 | 81 | .047 | 8.6 | 3.0 | NE | 6 | | | 0 | 10 | St | NE | Cloudy | | W.S.P. | 11 |
| 12 | 75.0 | 29.636 | -.134 | 29.502 | 30.49 | 0.5 | -0.6 | -7 | 65 | .026 | 7.1 | 0.0 | N | 10 | | | .05 | Few | St | N | Clear | | W.S.P. | 12 |
| 13 | 74.0 | 29.714 | -.131 | 29.583 | 30.59 | -7.3 | -7.5 | -9 | 91 | .023 | 2.8 | -9.0 | E | 4 | | | 0 | Few | A.St. | SW | Clear | | W.S.P. | 13 |
| 14 | 73.0 | 29.316 | -.126 | 29.190 | 30.16 | 11.0 | 9.8 | 5 | 75 | .049 | 11.0 | 5.9 | S | 6 | | | 0 | 10 | St | S | Cloudy | | W.S.P. | 14 |
| 15 | 68.5 | 29.274 | -.115 | 29.159 | 30.13 | 8.0 | 7.6 | 6 | 91 | .052 | 18.0 | 7.0 | W | 8 | | | .03 | 1 1 | A.St St | NW NW | Clear | | W.S.P. | 15 |
| 16 | 65.0 | 29.356 | -.105 | 29.251 | 30.24 | 3.6 | 3.0 | ±0 | 84 | .038 | 9.5 | 2.0 | SW | 12 | | | T | 10 | St | W | Cloudy | | W.S.P. | 16 |
| 17 | ~~73.0~~ 67.5 | 29.066 | -.111 | 28.955 | 29.92 | 24.3 | 22.1 | 18 | 72 | .093 | 24.3 | 11.0 | SW | 14 | | | 0 | 10 | St | SW | Cloudy | | W.S.P. | 17 |
| 18 | 73.0 | 29.046 | -.125 | 28.921 | 29.86 | 40.5 | 40.0 | 40 | 96 | .247 | 40.5 | 35.5 | SW | 14 | | | .56 | 10 | Nb | SW | Hvy Rain | | W.S.P. | 18 |
| 19 | 71.0 | 29.308 | -.121 | 29.187 | 30.15 | 15.0 | 13.7 | 10 | 77 | .063 | 26.8 | 14.5 | W | 14 | | | .02 | 10 | St | NW | Cloudy | | W.S.P. | 19 |
| 20 | 69.0 | 29.404 | -.117 | 29.287 | 30.27 | 9.1 | 8.3 | 5 | 82 | .049 | 9.1 | 3.4 | S | 8 | | | 0 | 10 4 | St A.St. | W SW | Cloudy | | W.S.P. | 20 |
| 21 | 67.0 | 29.442 | -.111 | 29.331 | 30.31 | 8.7 | 7.8 | 4 | 80 | .047 | 20.0 | 7.4 | SW | 10 | | | 0 | 1 | St | SW | Pt Cloudy | | W.S.P. | 21 |
| 22 | 67.0 | 29.220 | -.110 | 29.110 | 30.06 | 30.6 | 29.0 | 26 | 83 | .136 | 32.8 | 27.0 | S | 9 | | | 0 | 10 | St | SW | Cloudy | | W.S.P. | 22 |
| 23 | 71.0 | 29.120 | -.120 | 29.000 | 29.95 | 33.8 | 32.0 | 29 | 83 | .157 | 39.0 | 33.0 | W | 14 | | | T | 10 | St | W | Cloudy | | W.S.P. | 23 |
| 24 | 70.0 | 29.246 | -.118 | 29.128 | 30.09 | 20.0 | 18.9 | 17 | 84 | .089 | 31.9 | 18.8 | NW | 8 | | | 0 | 10 | St | NW | Cloudy | | W.S.P. | 24 |
| 25 | 66.0 | 29.200 | -.108 | 29.092 | 30.06 | 15.0 | 13.8 | 10 | 79 | .063 | 19.5 | 13.5 | SW | 5 | | | 0 | 10 | St | SW | Cloudy | | W.S.P. | 25 |
| 26 | 71.0 | 28.934 | -.120 | 28.814 | 29.76 | 19.0 | 17.7 | 14 | 80 | .077 | 23.5 | 18.4 | E | 8 | | | T | 10 | St | E | Cloudy | | W.S.P. | 26 |
| 27 | 67.0 | 29.150 | -.110 | 29.040 | 30.00 | 19.2 | 17.8 | 14 | 78 | .077 | 23.5 | 18.8 | N | 10 | | | T | 10 | Nb | N | Lt Snow | | W.S.P. | 27 |
| 28 | 69.0 | 29.222 | -.116 | 29.106 | 30.08 | 14.6 | 13.2 | 9 | 75 | .060 | 17.0 | 13.7 | E | 16 | | | 0 | 10 | St | SW | Cloudy | | W.S.P. | 28 |
| 29 | 65.0 | 28.900 | -.114 | 28.786 | 29.74 | 25.0 | 24.1 | 22 | 88 | .113 | 26.0 | 23.2 | W | 8 | | | T | 10 | St | W | Cloudy | | W.S.P. | 29 |
| 30 | 71.0 | 29.114 | -.120 | 28.994 | 29.95 | 18.4 | 17.5 | 15 | 86 | .081 | 22.0 | 16.7 | SW | 12 | | | T | 10 | Nb | SW | Lt Snow | | W.S.P. | 30 |
| 31 | 73.0 | 29.160 | -.126 | 29.034 | 29.99 | 17.0 | 16.3 | 14 | 88 | .077 | 22.5 | 14.3 | SW | 8 | | | .04 | 10 | St | NW | Cloudy | | W.S.P. | 31 |
| Sums | | (a) | (a) | 903.395 | 933.54 | 383.4 | 354.8 | ~~318~~ 260 | 2554 | 2.122 | (a) | (a) | (a) | 318 | (a) | (a) | 0.72 | 253 | (a) | (a) | (a) | | (a) | (a) |
| Means | | (a) | (a) | 29.142 | 30.114 | 12.4 | 11.4 | ~~10.3~~ 8.4 | 82.4 | ~~.07~~ .068 | (a) | (a) | (c) SW | 10.3 | (a) | (a) | (a) | 8.2 | (c) St | (c) SW | (a) | | (a) | (a) |

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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# ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1912

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 p. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | Fog, Mid. to Mid. (local standard time). Light. (f) | Fog, Mid. to Mid. (local standard time). Dense. (f) | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | | |
| 1 | 63.0 | 29.314 | −.100 | 29.214 | 30.17 | 26.0 | 23.0 | 16 | 64 | .085 | 27.5 | 14.2 | SW | 10 | | | 0 | 8 | Ci St | SW | Cloudy | | | HPC. | 1 |
| 2 | 70.0 | 29.372 | −.119 | 29.253 | 30.22 | 18.0 | 16.5 | 12 | 76 | .070 | 27.0 | 18.0 | NW | 10 | | | T | 0 | 0 | 0 | Clear | | | HPC. | 2 |
| 3 | 74. | 29.272 | −.129 | 29.143 | 30.11 | 23.8 | 21.8 | 18 | 74 | .093 | 23.8 | 10.3 | S | 2 | | | 0 | 0 | 0 | 0 | Clear | | | HPC. | 3 |
| 4 | 69. | 29.259 | −.117 | 29.142 | 30.12 | 1.5 | 0.7 | −4 | 76 | .031 | 13.4 | 1.5 | SW | 20 | 31 | SW | T | 10 | St | W | Clear | | | HPC. | 4 |
| 5 | 67.0 | 29.584 | −.111 | 29.473 | 30.48 | −1.1 | −1.5 | −4 | 86 | .031 | 0.5 | −6.0 | SW | 14 | 33 | W | 0 | 0 | 0 | 0 | Clear | | | HPC. | 5 |
| 6 | 72.0 | 29.412 | −.125 | 29.287 | 30.29 | 2.2 | 1.4 | −3 | 76 | .032 | 4.0 | −0.2 | NE | 3 | | | .04 | 10 | St | NE | Cloudy | | | HPC. | 6 |
| 7 | 72.5 | 29.448 | −.126 | 29.322 | 30.32 | −1.8 | −2.2 | −5 | 85 | .029 | 0.1 | −14.2 | S | 8 | | | 0 | 0 | 0 | 0 | Clear | | | HPC. | 7 |
| 8 | 72.0 | 28.736 | −.122 | 28.614 | 29.57 | 4.5 | 3.9 | 1 | 84 | .040 | 20.0 | 4.5 | W | 12 | | | .06 | 10 | Nb | W | Lt Snow | | | HPC. | 8 |
| 9 | 68.0 | 29.216 | −.113 | 29.103 | 30.09 | 4.4 | 3.6 | −1 | 78 | .036 | 5.9 | 0.5 | SW | 12 | 35 | SW | T | 0 | 0 | 0 | Clear | | | HPC. | 9 |
| 10 | 74.0 | 29.398 | −.130 | 29.268 | 30.26 | 7.8 | 6.8 | 3 | 77 | .044 | 11.0 | −0.3 | NW | 4 | | | T | 0 | 0 | 0 | Clear | | | HPC. | 10 |
| 11 | 78.0 | 29.518 | −.141 | 29.377 | 30.36 | 7.1 | 6.7 | 5 | 90 | .049 | 9.7 7.9 | 7.1 | NE | 12 | | | .01 | 10 | Nb | NE | Lt Snow | | | HPC. | 11 |
| 12 | 78.5 | 29.759 | −.143 | 29.616 | 30.63 | 2.8 | 1.6 | −5 | 66 | .029 | 8.3 | −1.2 | NE | 6 | | | 0 | 0 | 0 | 0 | Clear | | | HPC. | 12 |
| 13 | 75.0 | 29.533 | −.133 | 29.400 | 30.40 | 8.0 | 6.7 | ±0 | 70 | .038 | 11.3 | −7.3 | SE | 5 | | | 0 | 10 | St | SW | Cloudy | | | HPC. | 13 |
| 14 | 72.5 | 29.194 | −.125 | 29.069 | 30.04 | 18.0 | 17.0 | 14 | 84 | .077 | 18.6 | 11.0 | SW | 10 | | | T | 10 | Nb | SW | Lt Snow | | | HPC. | 14 |
| 15 | 71.0 | 29.314 | −.121 | 29.193 | 30.16 | 9.5 | 8.7 | 6 | 82 | .052 | 11.8 | 3.0 | NW | 16 | | | .02 | 0 | 0 | 0 | Clear | | | HPC. | 15 |
| 16 | 72.5 | 29.318 | −.125 | 29.193 | 30.16 | 12.2 | 10.6 | 4 | 68 | .047 | 14.2 | 3.6 | S | 12 | | | T | 0 | 0 | 0 | Clear | | | HPC. | 16 |
| 17 | 73.5 | 29.108 | −.127 | 28.981 | 29.93 | 36.0 | 36.0 | 36 | 100 | .211 | 36.0 | 24.3 | SW | 10 | | | .06 | 10 | Nb | SW | Sprinkling | | | HPC. | 17 |
| 18 | 71.5 | 29.092 | −.121 | 28.971 | 29.92 | 26.6 | 26.0 | 25 | 93 | .130 | 41.6 | 26.6 | NW | 12 | | | .42 | 10 | Nb | NW | Lt Snow | | | HPC. | 18 |
| 19 | 72.0 | 29.466 | −.125 | 29.341 | 30.32 | 9.1 | 7.3 | 1 | 60 | .036 | 15.0 | 9.1 | W | 6 | | | T | 5 | St | NW | Pt Cloudy | | | HPC. | 19 |
| 20 | 69.0 | 29.372 | −.116 | 29.256 | 30.23 | 20.0 | 19.5 | 18 | 92 | .093 | 24.2 | 9.1 | W | 12 | | | .02 | 10 | St | W | Cloudy | | | HPC. | 20 |
| 21 | 66.0 | 29.266 | −.108 | 29.158 | 30.12 | 27.4 | 25.4 | 21 | 76 | .108 | 28.3 | 8.7 | SW | 8 | 25 | S | 0 | 0 | 0 | 0 | Clear | | | HPC. | 21 |
| 22 | 71.5 | 29.103 | −.121 | 28.982 | 29.93 | 36.0 | 35.4 | 35 | 94 | .203 | 37.1 | 30.6 | SW | 14 | | | T | 10 | Nb | SW | Sprinkling | | | HPC. | 22 |
| 23 | 74.0 | 29.173 | −.129 | 29.044 | 29.99 | 31.4 | 29.9 | 27 | 84 | .143 | 36.0 | 31.4 | W | 8 | | | T | 10 | St | NW | Cloudy | | | HPC. | 23 |
| 24 | 69.0 | 29.232 | −.116 | 29.116 | 30.08 | 19.5 | 17.5 | 12 | 70 | .070 | 21.4 | 18.9 | NW | 8 | | | 0 | 0 | 0 | 0 | Clear | | | HPC. | 24 |
| 25 | 73.0 | 29.118 | −.125 | 28.993 | 29.95 | 23.2 | 20.7 | 14 | 66 | .077 | 24.7 | 15.0 | E | 4 | | | 0 | 10 | St | E | Cloudy | | | HPC. | 25 |
| 26 | 70.0 | 28.880 | −.118 | 28.762 | 29.71 | 23.3 | 22.3 | 20 | 87 | .103 | 25.2 | 19.0 | NE | 6 | | | .02 | 10 | Nb | NE | Lt Snow | | | HPC. | 26 |
| 27 | 72.0 | 29.328 | −.124 | 29.204 | 30.16 | 16.8 | 15.6 | 12 | 80 | .070 | 21.3 | 16.8 | NE | 6 | | | T | 2 | Ci | W | Clear | | | HPC. | 27 |
| 28 | 69.0 | 28.982 | −.115 | 28.867 | 29.83 | 23.2 | 23.2 | 23 | 100 | .118 | 23.2 | 14.6 | E | 8 | | | 0 | 10 10 | St Lt fog | E E | Cloudy | B. 3.30p E DNp. | | HPC. | 28 |
| 29 | 68.5 | 29.050 | −.114 | 28.936 | 29.90 | 22.0 | 21.4 | 20 | 92 | .103 | 26.2 | 22.0 | W | 10 | | | T | 10 — | St Lt fog | W W | Cloudy | B 10.00a E DNp. | | HPC. | 29 |
| 30 | 72.0 | 29.096 | −.123 | 28.973 | 29.93 | 22.5 | 22.0 | 21 | 93 | .108 | 24.0 | 18.4 | W | 10 | | | .02 | 10 | Nb | W | Lt Snow | | | HPC. | 30 |
| 31 | 76.0 | 29.150 | −.134 | 29.016 | 29.98 | 26.2 | 23.2 | 16 | 64 | .085 | 29.3 | 17.0 | SW | 6 | | | 0 | 1 | St | SW | Clear | | | HPC. | 31 |
| Sums | | (a) | (a) | 903.267 | 933.36 | 506.1 | 470.7 | 358 | 2487 | 2.441 | (a) | (a) | (a) | 284 | (a) | (a) | 0.67 | 166 | (a) | (a) | (a) | 2 | | (a) | (a) |
| Means | | (a) | (a) | 29.138 | 30.108 | 16.3 | 15.2 | 11.5 | 80.2 | .079 | (a) | (a) | (c) SW | 9.2 | (a) | (a) | (a) | 5.4 | (c) St | (c) W | (a) | (a) | (a) | (a) | (a) |

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1912

| Date. | Temperature. Maximum. (b) | Minimum. (b) | Range. (b) | Change. (b) | Mean. (Max. and Min.) (b) | Normal. | Departure. | Total excess or deficiency since 1st of month. | Precipitation. Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Total (Mid. to mid.). (b) †† | Normal. | Departure. | Total excess or deficiency since 1st of month. | Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡ | Snow unmelted. 7 p.m. to 7 p.m. * ‡‡ | Hail, sleet, and snow on ground at 7 p.m. * ‡‡ | Amount of precipitation from melted snow (mid. to mid.). | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | | | | | | | | | | | | | | | | In. | | | | In. | In. | In. | In. | |
| Monday 1 | 28 | 14 | 14 | 9 | 21 | | | | | | | | | | | | | | | | 0 | | | | 0 | T | 0 | 0 | 1 |
| 2 | 27 | 13 | 14 | 1 | 20 | | | | | | | | | | | | | | | | T | | | | 0 | T | T | T | 2 |
| 3 | 24 | 9 | 15 | 4 | 16 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 3 |
| 4 | 18 | -4 | 22 | 9 | 7 | | | | | | | | | | | | | | | | T | | | | 0 | T | T | T | 4 |
| 5 | 0 | -6 | 6 | 10 | -3 | | | | | | | | | | | | | | | | 0 | | | | 0 | T | T | 0 | 5 |
| 6 | 4 | -5 | 9 | 3 | 0 | | | | | | | | | | | | | | | | .04 | | | | 0 | 0.5 | 0.5 | .04 | 6 |
| 7 | 0 | -14 | 14 | 7 | -7 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0.5 | 0 | 7 |
| 8 | 20 | -3 | 23 | 15 | 8 | | | | | | | | | | | | | | | | .08 | | | | 0 | 1.6 | 2.1 | 0.8 | 8 |
| 9 | 6 | -4 | 10 | 7 | 1 | | | | | | | | | | | | | | | | T | | | | 0 | T | 2.0 | T | 9 |
| 10 | 11 | -2 | 13 | 3 | 4 | | | | | | | | | | | | | | | | T | | | | 0 | T | 1.9 | T | 10 |
| 11 | 10 | 3 | 7 | 2 | 6 | | | | | | | | | | | | | | | | .04 ‡ | | | | 0 | 0.2 | 2.1 | .04 ‡ | 11 |
| 12 | 8 | -5 | 13 | 4 | 2 | | | | | | | | | | | | | | | | .02 ‡ | | | | 0 | 0.8 | 2.9 | .02 ‡ | 12 |
| 13 | 11 | -9 | 20 | 1 | 1 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 2.8 | 0 | 13 |
| 14 | 19 | 6 | 13 | 11 | 12 | | | | | | | | | | | | | | | | .02 ‡ | | | | 0 | T | 2.8 | .02 ‡ | 14 |
| 15 | 15 | 3 | 12 | 3 | 9 | | | | | | | | | | | | | | | | .03 ‡ | | | | 0 | 0.8 | 3.6 | .03 ‡ | 15 |
| 16 | 14 | 2 | 12 | 1 | 8 | | | | | | | | | | | | | | | | T | | | | 0 | T | 3.6 | T | 16 |
| 17 | 38 | 13 | 25 | +2 18 | 26 | | | | | | | | | | | | | | | | .06 | | | | 0 | 0.6 | 3.0 | .06 | 17 |
| 18 | 42 | 20 | 22 | +7 5 | 31 | | | | | | | | | | | | | | | | 1.00 | | | | 0 | 0.4 | 2.1 | .11 | 18 |
| 19 | 20 | 5 | 15 | 19 | 12 | | | | | | | | | | | | | | | | T | | | | 0 | 0.4 | 2.5 | T | 19 |
| 20 | 24 | 3 | 21 | 2 | 14 | | | | | | | | | | | | | | | | .02 | | | | 0 | 0.4 | 2.9 | .02 | 20 |
| 21 | 33 | 7 | 26 | 6 | 20 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 2.7 | 0 | 21 |
| 22 | 39 | 31 | 8 | 15 | 35 | | | | | | | | | | | | | | | | T | | | | 0 | T | T | T | 22 |
| 23 | 38 | 24 | 14 | 4 | 31 | | | | | | | | | | | | | | | | T | | | | 0 | T | T | T | 23 |
| 24 | 24 | 16 | 8 | 11 | 20 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | 0 | 24 |
| 25 | 25 | 14 | 11 | 0 | 20 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | 0 | 25 |
| 26 | 25 | 18 | 7 | 2 | 22 | | | | | | | | | | | | | | | | .02 | | | | 0 | 0.2 | 0.2 | .02 | 26 |
| 27 | 21 | 15 | 6 | 4 | 18 | | | | | | | | | | | | | | | | T | | | | 0 | T | T | 0 | 27 |
| 28 | 25 | 14 | 11 | 2 | 20 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | T | 28 |
| 29 | 26 | 19 | 7 | 2 | 22 | | | | | | | | | | | | | | | | T | | | | 0 | T | T | T | 29 |
| 30 | 24 | 17 | 7 | 2 | 20 | | | | | | | | | | | | | | | | .06 | | | | 0 | 0.2 | 0.2 | .06 | 30 |
| 31 | 29 | 14 | 15 | 2 | 22 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0.4 | 0.5 | 0 | 31 |
| S. | 648 | 228 | 420 | 184 | 438 | | Total excess or deficiency since January 1, | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | 1.39 | | Total excess or deficiency since January 1, | | 0 | 6.8 | (a) | (a) | (a) |
| M. | 20.9 | 7.4 | 13.5 | 5.9 | 14.1 | (a) | | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | | | (a) | (a) | (a) | (a) | (a) |

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, $S^d$—dry snow, $S^m$—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

X Snow very dry.
‡ 8 estimated



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# SUMMARY FOR THE MONTH OF January, 1912.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

## PRESSURE.

(Correction to reduce to a 24-hour mean 7.005)

| STATION. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. | REDUCED. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.142 | 29.138 | 29.140 | 29.616 | 12" | 28.614 | 8" | 1.002 | 30.114 | 30.108 | 30.111 | 30.63 | 12" | 29.57 | 8" | 1.06 |
| Corrected mean | | 29.135 | | | | | | Corrected mean | | 30.106 | 3,500-ft. | | | 10,000-ft. | |

## TEMPERATURE.

| MEAN. Dry. 8 a. m. | 8 p. m. | (8+8)÷2 (g) | Wet. 8 a. m. | 8 p. m. | Monthly. (g) | Max. | Min. | Monthly. (g) | Sea-level. (g) | 3,500-ft. (g) | 10,000-ft. (g) | Highest. (i) | Date. (i) | Lowest. (i) | Date. (i) | Absolute range. | Greatest daily range. (i) | Date. (i) | Least daily range. (i) | Date. (i) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12.4 | 16.3 | 14.4 | 11.4 | 15.2 | 13.3 | 20.9 | 7.4 | 14.2 | – | – | – | 42 | 18 | -14 | 7" | 56 | 26 | 21 | 6 | 5" |

| Dew-point. 8 a. m. | 8 p. m. | Monthly. (g) | Relative Humidity. 8 a. m. | 8 p. m. | Monthly. (g) | Vapor Pressure. 8 a. m. | 8 p. m. | Monthly. (g) | Number of days with—(j) Maximum. 32° or below. | 90° or above. | Minimum. 32° or below. | Zero or below. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8.4 | 11.5 | 10.0 | 82.4 | 80.2 | 81.3 | .068 | .079 | .074 | 26 | 0 | 31 | 9 |

## WIND.

| Total movement (mid. to mid.). | Average hourly velocity. | Prevailing direction. (p) | Maximum velocity. (r) | Direction. (r) | Date. (r) | Number of times wind observed from the— N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7,883 | 10.6 | SW | 35 | SW | 9" | 2 | 7 | 5 | 2 | 6 | 24 | 10 | 6 | 0 |

## WEATHER.

| Mean Cloudiness. 8 a. m. | 8 p. m. | Monthly. (t) | Sunshine. Percentage of possible. | Number of Days. Clear. | Partly cloudy. | Cloudy. | Number of Days with Precipitation (Mid. to Mid.). Clear. (u) | Partly cloudy. (u) | Cloudy. (u) |
|---|---|---|---|---|---|---|---|---|---|
| 8.2 | 5.4 | 6.9 | 31 | 6 | 6 | 19 | 1 | 0 | 10 |

## MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

| Frosts. Light. | Heavy. | Killing. | Thunderstorms. (v) | Winds. (40 miles or over.) | Solar Halos. | Lunar Halos. | Fog. Light. | Dense. | Haze. Light. | Dense. | Smoke. Light. | Dense. | Hail. | Aurora. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| – | – | – | 0 | 0 | 9 | 0 | 28-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## PRECIPITATION (in inches and hundredths). (m)

| Total amount. | Greatest amount in 24 consecutive hours. Am't. | Date. (k) | Excessive. 2.50 inches in 24 hours. (l) * Am't. | Duration. h. m. | Date. (k) | 1 inch per hour. (l) Am't. | Duration. h. m. | Date. (k) | Number of days with—(Mid. to Mid.). Trace. | .01 or more. | .04 or more. | .25 or more. | 1.00 or more. | Total. | Snow. Trace or more. | .01 or more melted. | Snow. Total depth. (o) | Average depth at end of month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.39 | 1.00 | 18 | – | 0 | – | – | 0 | – | 10 | 11 | 6 | 1 | 1 | 21 | ~~22~~ 21 | | 6.8 | 0.5 |

T.B. Gage not working morning of 18th.

(w) Maximum precipitation in 5 minutes ____, date ____; 10 minutes ____, date ____; 15 minutes ____, date ____;

30 minutes ____, date ____; 1 hour ____, date ____; 2 hours ____, date ____

## EXCESSIVE.

| Date. | Total Duration. From— | To— | Total am't of precipitation. | Excessive Rate. Began— | Ended— | Am't before excessive began. | Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | None | | | | | | | | | | | | | | | | | | |

*The duration is the time precipitation was actually recorded.

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Prepared by ____ W. S. Palmer L. T., Weather Bureau.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of Jan., 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

| Date. | Special Observations. | | | | | | | | | | | | | | | | | | | | | | | | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time. | | Barometer. | | | | | Thermometers. | | | | | | Wind. | | | | | Clouds. | | | | | | |
| | 75th Mer. | Local (standard). | Attached thermometer. | Observed reading. | Total correction. | Station. (Observed reading plus total cor.) | Reduced to sea-level. | Dry. | Wet. | Dew-point. | Depression of the dew-point. | Relative humidity. | Maximum thermometer. | Direction. | Velocity. † | Max. since last observation. | Direction. | Precipitation. †† | Am't. | Kind. | Dir. from. | State of Weather. | Special Phenomena. | Initials of Observer. | |
| | | | | | | | None | | | | | | | | | | | | | | | | | | |

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

# ORIGINAL MONTHLY RECORD

OF

# OBSERVATIONS

AT

*Fort Wayne, Ind.*

*For the Month of* February, *1912.*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, .....; No. of wet thermometer in use, .....; No. of maximum thermometer in use, .....; No. of minimum thermometer in use, { 10585 – 1st to 5th inclusive; 10610 – 6th to 15th inclusive; 11028 – 16th to 29th inclusive }

† Elevation above ground of the dry thermometer, ..... feet; rain gage, ..... feet; anemometer, ..... feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ..... feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7.00 a.m.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911–912; first observation taken in present office, 7.00 a.m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1912.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 a. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | |
| 1 | 73.0 | 28.944 | -.125 | 28.819 | 29.76 | 29.0 | 28.3 | 27 | 92 | .143 | 29.0 | 21.5 | S | 6 | | | .02 | 10 | Nb | S | Lt Snow | | W.S.P. | 1 |
| 2 | 69.0 | 29.034 | -.115 | 28.919 | 29.89 | 10.6 | 4.3 | 4 | 73 | .047 | 24.2 | 10.5 | W | 10 | | | .02 | 10 | St | W | Cloudy | | W.S.P. | 2 |
| 3 | 70.0 | 29.156 | -.118 | 29.038 | 30.03 | -3.0 | -3.8 | -10 | 70 | .022 | 6.0 | -5.0 | N | 4 | | | 0 | 2 | St | N | Clear | | W.S.P. | 3 |
| 4 | 62.0 | 29.360 | -.098 | 29.262 | 30.26 | -10.0 | -10.4 | -14 | 79 | .018 | 6.8 | -10.0 | SW | 14 | | | .01 | Few | St | W | Clear | | W.S.P. | 4 |
| 5 | 62.0 | 29.300 | -.098 | 29.202 | 30.19 | 3.5 | 3.2 | 2 | 92 | .042 | 3.7 | 0.0 | SW | 6 | | | T | Few Ci 3 | St | W | Clear | | W.S.P. | 5 |
| 6 | 69.0 | 29.390 | -.116 | 29.274 | 30.25 | 7.0 | 6.8 | 6 | 95 | .052 | 14.9 | 4.8 | SW | 9 | | | T | 10 | Nb | SW | Lt Snow | | W.S.P. | 6 |
| 7 | 68.0 | 29.160 | -.113 | 29.047 | 30.02 | 15.8 | 15.5 | 14 | 95 | .077 | 15.8 | 12.5 | SW | 14 | | | T | 10 | Nb | SW | Lt Snow | | W.S.P. | 7 |
| 8 | 66.0 | 29.236 | -.108 | 29.128 | 30.10 | 0.0 | -0.3 | -2 | 90 | .034 | 22.9 | -0.8 | SW | 12 | | | T | 10 | St | SW | Cloudy | | W.S.P. | 8 |
| 9 | 67.5 | 29.200 | -.112 | 29.088 | 30.08 | -5.0 | -5.3 | -8 | 88 | .025 | 8.2 | -5.1 | SW | 7 | | | 0 | Few | St | W | Clear | | W.S.P. | 9 |
| 10 | 70.0 | 29.350 | -.119 | 29.231 | 30.23 | -8.0 | -8.3 | -10 | 86 | .021 | 5.2 | -9.0 | E | 3 | | | 0 | Few | St | E | Clear | | W.S.P. | 10 |
| 11 | 71.5 | 29.120 | -.121 | 28.999 | 29.98 | 9.5 | 9.0 | 7 | 89 | .054 | 9.5 | 1.9 | S | 8 | | | 0 | 9 | St | S | Cloudy | | W.S.P. | 11 |
| 12 | 69.5 | 29.303 | -.117 | 29.186 | 30.16 | 9.3 | 9.2 | 9 | 98 | .060 | 24.9 | 9.3 | NE | 12 | | | .03 | 10 | Nb | NE | Lt Snow | | W.S.P. | 12 |
| 13 | 69.5 | 29.668 | -.119 | 29.549 | 30.54 | -1.5 | -2.0 | -5 | 82 | .029 | 11.1 | -2.2 | N | 3 | | | 0 | Few | St | N | Clear | | W.S.P. | 13 |
| 14 | 73.0 | 29.500 | -.127 | 29.373 | 30.34 | 20.0 | 18.8 | 16 | 82 | .085 | 20.2 | 14.5 | NW | 3 | | | 0 | 10 | St | NW | Cloudy | | W.S.P. | 14 |
| 15 | 73.5 | 29.300 | -.128 | 29.172 | 30.12 | 27.8 | 26.6 | 24 | 86 | .124 | 32.0 | 24.0 | E | 2 | | | 0 | 10 | St | E | Cloudy | | W.S.P. | 15 |
| 16 | 70.5 | 29.078 | -.119 | 28.959 | 29.91 | 28.0 | 27.3 | 26 | 92 | .136 | 38.0 | 25.0 | W | 5 | | | T | 10 | Nb | W | Misting | | W.S.P. | 16 |
| 17 | 71.0 | 29.024 | -.120 | 28.904 | 29.85 | 28.4 | 28.2 | 28 | 98 | .150 | 31.4 | 27.0 | SE | 5 | | | 0 | - | D. Fog | SE | Foggy | | W.S.P. | 17 |
| 18 | 74.0 | 28.910 | -.128 | 28.782 | 29.71 | 37.0 | 35.4 | 33 | 86 | .187 | 41.0 | 36.5 | SE | 4 | | | 0 | 4 | St | SE | Pt Cloudy | | W.S.P. | 18 |
| 19 | 72.5 | 29.058 | -.124 | 28.934 | 29.87 | 37.2 | 35.9 | 34 | 89 | .195 | 41.0 | 36.8 | SW | 7 | | | 0 | 10 | St | SW | Cloudy | | W.S.P. | 19 |
| 20 | 69.0 | 29.336 | -.116 | 29.220 | 30.17 | 25.4 | 24.1 | 22 | 84 | .113 | 35.3 | 25.4 | NW | 5 | | | 0 | Few | St | NW | Clear | | W.S.P. | 20 |
| 21 | 67.0 | 28.644 | -.109 | 28.535 | 29.48 | 22.0 | 21.7 | 21 | 96 | .108 | 31.5 | 21.3 | NE | 31 | 39 | NE | .34 | 10 | Nb | NE | Hvy Snow | | W.S.P. | 21 |
| 22 | 64.0 | 28.910 | -.102 | 28.808 | 29.77 | 14.7 | 13.3 | 9 | 75 | .060 | 16.5 | 12.3 | W | 27 | 33 | NW | .15 | 1 | St | NW | Clear | | W.S.P. | 22 |
| 23 | 66.0 | 29.248 | -.108 | 29.140 | 30.10 | 22.0 | 19.7 | 14 | 68 | .077 | 22.0 | 14.5 | SW | 16 | | | 0 | Few | St | W | Clear | | W.S.P. | 23 |
| 24 | 71.0 | 29.330 | -.121 | 29.209 | 30.15 | 34.1 | 32.0 | 29 | 80 | .157 | 37.0 | 33.7 | S | 10 | | | 0 | 10 | St | SW | Cloudy | | W.S.P. | 24 |
| 25 | 69.0 | 29.354 | -.116 | 29.238 | 30.18 | 34.0 | 32.3 | 30 | 84 | .164 | 39.9 | 33.0 | SW | 5 | | | 0 | 10 | St | SW | Cloudy | | W.S.P. | 25 |
| 26 | 65.0 | 28.596 | -.103 | 28.493 | 29.42 | 33.4 | 33.0 | 33 | 96 | .187 | 34.7 | 32.0 | E | 12 | 31 | NE | .53 | 10 | Nb | E | Sprinkling | | W.S.P. | 26 |
| 27 | 65.0 | 29.066 | -.104 | 28.962 | 29.92 | 19.0 | 18.0 | 15 | 85 | .081 | 29.5 | 18.8 | W | 20 | 38 | W | .04 | 10 | Nb | W | Lt Snow | | W.S.P. | 27 |
| 28 | 66.0 | 29.166 | -.108 | 29.058 | 30.02 | 26.0 | 24.9 | 23 | 87 | .118 | 26.0 | 20.0 | W | 15 | | | T | 10 | Nb | W | Lt Snow | | W.S.P. | 28 |
| 29 | 68.0 | 29.452 | -.114 | 29.338 | 30.31 | 16.8 | 14.2 | 6 | 58 | .052 | 19.6 | 15.0 | SW | 6 | | | 0 | 9 | St | W | Cloudy | | W.S.P. | 29 |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| Sums | | (a) | (a) | 842.867 | 870.81 | 483.0 | 456.6 | 383 | 2475 | 2.618 | (a) | (a) | (a) | 281 | (a) | (a) | 1.11 | 188 | (a) | (a) | (a) | | (a) | (a) |
| Means | | (a) | (a) | 29.064 | 30.028 | 16.7 | 15.7 | 13.2 | 85.3 | .090 | (a) | (a) | (c) SW | 9.7 | (a) | (a) | (a) | 6.5 | (c) St | (c) W | (a) | | (a) | (a) |

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne Ind., for the Month of February, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 p. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | Fog, Mid. to Mid. (local standard time). Light. (f) | Fog, Mid. to Mid. (local standard time). Dense. (f) | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | | |
| 1 | 71.0 | 28.882 | -.120 | 28.762 | 29.71 | 24.2 | 23.7 | 23 | 94 | .118 | 29.2 | 23.0 | SW | 10 | | | .06 | 10 | Nb | SW | Lt Snow | | | HFC | 1 |
| 2 | 70.5 | 29.116 | -.120 | 29.046 | 30.02 | 6.0 | 5.0 | ±0 | 75 | .038 | 15.1 | 6.0 | W | 10 | | | T | 2 | St | W | Clear | | | HFC | 2 |
| 3 | 73.0 | 29.208 | -.126 | 29.082 | 30.07 | 6.8 | 6.0 | 3 | 80 | .044 | 8.4 | -3.0 | NW | 12 | | | T | 10 | Nb | NW | Lt Snow | | | HFC | 3 |
| 4 | 60.5 | 29.354 | -.094 | 29.260 | 30.26 | 2.0 | 1.4 | -2 | 82 | .034 | 2.2 | -10.0 | SW | 14 | | | T | 10 | Nb | SW | Lt Snow | | | HFC | 4 |
| 5 | 72.0 | 29.386 | -.125 | 29.261 | 30.24 | 14.9 | 13.4 | 8 | 73 | .057 | 16.2 | 3.5 | W | 6 | | | 0 | 10 | St | W | Cloudy | | | HFC | 5 |
| 6 | 69.0 | 29.330 | -.116 | 29.214 | 30.18 | 14.8 | 14.2 | 13 | 89 | .074 | 20.7 | 6.4 | SW | 16 | | | T | 10 | Nb | SW | Lt Snow | | | HFC | 6 |
| 7 | 69.5 | 29.128 | -.117 | 29.011 | 29.97 | 22.9 | 21.4 | 18 | 80 | .093 | 25.1 | 15.8 | SW | 10 | | | .02 | 10 | Nb | SW | Lt Snow | | | HFC | 7 |
| 8 | 70.0 | 29.258 | -.119 | 29.139 | 30.12 | 8.2 | 7.0 | 1 | 72 | .040 | 14.8 | 0.0 | SW | 10 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 8 |
| 9 | 72.0 | 29.314 | -.124 | 29.190 | 30.19 | 5.2 | 4.0 | -2 | 69 | .034 | 10.4 | -5.0 | W | 10 | | | 0 | 10 | St | W | Cloudy | | | HFC | 9 |
| 10 | 74.0 | 29.216 | -.129 | 29.087 | 30.08 | 4.8 | 3.8 | -1 | 74 | .036 | 8.8 | -8.0 | E | 6 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 10 |
| 11 | 72.5 | 29.124 | -.124 | 29.000 | 29.97 | 24.9 | 24.4 | 24 | 94 | .124 | 27.8 | 9.5 | S | 6 | | | .12 | 10 | Nb | S | Lt Snow | | | HFC | 11 |
| 12 | 73.0 | 29.564 | -.127 | 29.437 | 30.42 | 11.1 | 10.3 | 7 | 83 | .054 | 15.8 | 9.3 | NE | 8 | | | T | 0 | 0 | 0 | Clear | | | HFC | 12 |
| 13 | 76.0 | 29.592 | -.135 | 29.457 | 30.44 | 19.0 | 16.4 | 9 | 60 | .060 | 21.6 | -1.5 | E | 5 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 13 |
| 14 | 73.5 | 29.450 | -.129 | 29.321 | 30.28 | 32.0 | 29.0 | 24 | 69 | .124 | 32.9 | 20.0 | NE | 2 | | | T | 10 | St | NE | Cloudy | | | HFC | 14 |
| 15 | 74.0 | 29.133 | -.129 | 29.004 | 29.95 | 38.0 | 34.0 | 28 | 67 | .150 | 41.8 | 27.0 | S | 6 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 15 |
| 16 | 75.0 | 29.043 | -.131 | 28.912 | 29.86 | 31.0 | 29.5 | 27 | 84 | .143 | 32.7 | 28.0 | SW | 4 | | | T | 10 | St | SW | Cloudy | B7.30 E10.00 | | HFC | 16 |
| 17 | 74.0 | 28.960 | -.128 | 28.832 | 29.77 | 39.2 | 38.2 | 37 | 92 | .219 | 42.3 | 28.4 | E | 3 | | | 0 | 0 | 0 | 0 | Clear | | BDNa E10.00 | HFC | 17 |
| 18 | 71.0 | 28.964 | -.120 | 28.844 | 29.77 | 40.0 | 38.0 | 35 | 84 | .203 | 45.8 | 37.0 | S | 6 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 18 |
| 19 | 71.0 | 29.174 | -.121 | 29.053 | 30.00 | 35.3 | 32.8 | 29 | 77 | .157 | 42.8 | 34.1 | NW | 6 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 19 |
| 20 | 72.0 | 29.220 | -.124 | 29.096 | 30.05 | 31.5 | 29.0 | 25 | 74 | .130 | 35.4 | 25.4 | NE | 12 | | | 0 | 10 | St | NE | Cloudy | | | HFC | 20 |
| 21 | 72.5 | 28.357 | -.121 | 28.236 | 29.17 | 13.2 | 12.6 | 11 | 88 | .066 | 22.0 | 13.2 | NW | 28 | 42 | NE | .90 | 10 | Nb | NW | Lt Snow | | | HFC | 21 |
| 22 | 67.5 | 29.250 | -.112 | 29.138 | 30.11 | 17.0 | 15.6 | 12 | 77 | .070 | 20.4 | 14.7 | SW | 12 | 31 | W | T | 0 | 0 | 0 | Clear | | | HFC | 22 |
| 23 | 71.5 | 29.282 | -.122 | 29.160 | 30.11 | 37.0 | 32.0 | 24 | 58 | .124 | 38.0 | 22.0 | S | 14 | 25 | S | 0 | 1 | St | SW | Clear | | | HFC | 23 |
| 24 | 70.0 | 29.266 | -.119 | 29.147 | 30.10 | 39.9 | 34.4 | 27 | 57 | .143 | 44.3 | 34.1 | SW | 6 | | | 0 | 6 | St | W | Pt Cloudy | | | HFC | 24 |
| 25 | 70.0 | 29.225 | -.118 | 29.107 | 30.06 | 34.7 | 33.2 | 31 | 86 | .172 | 41.8 | 34.0 | NE | 10 | | | 0 | 10 | St | NE | Cloudy | | | HFC | 25 |
| 26 | 66.0 | 28.618 | -.105 | 28.513 | 29.44 | 29.5 | 29.0 | 28 | 94 | .150 | 45.1 | 29.2 | SW | 28 | 34 | SW | .04 | 10 | Nb | SW | Lt Snow | | | HFC | 26 |
| 27 | 67.0 | 29.158 | -.110 | 29.048 | 30.01 | 21.8 | 19.3 | 13 | 85 | .074 | 24.2 | 16.0 | W | 10 | | | T | 0 | 0 | 0 | Clear | | | HFC | 27 |
| 28 | 68.0 | 29.400 | -.114 | 29.286 | 30.25 | 19.6 | 18.0 | 14 | 76 | .077 | 27.4 | 19.6 | W | 8 | | | T | 7 | St | W | Pt Cloudy | | | HFC | 28 |
| 29 | 67.0 | 29.532 | -.111 | 29.421 | 30.40 | 15.2 | 13.0 | 5 | 61 | .049 | 22.1 | 15.2 | W | 16 | | | T | 2 | St | W | Clear | | | HFC | 29 |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| Sums | | (a) | (a) | 843.094 | 871.00 | 639.7 | 588.6 | 471 | 2234 | 2.857 | (a) | (a) | (a) | 294 | (a) | (a) | 1.14 | 158 | (a) | (a) | (a) | 1 | 1 | (a) | (a) |
| Means | | (a) | (a) | 29.071 | 30.034 | 22.1 | 20.5 | 16.2 | 77.0 | .099 | (a) | (a) | (c) SW | 10.1 | (a) | (a) | (a) | 5.4 | (c) St | (c) SW | (a) | (a) | (a) | (a) | (a) |

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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# ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1912

| Date. | Temperature. Maximum. (b) | Minimum. (b) | Range. (b) | Change. (b) | Mean. (Max. and Min.) (b) | Normal. | Departure. | Total excess or deficiency since 1st of month. | Precipitation. Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Total (Mid. to mid.). (b) †† | Normal. | Departure. | Total excess or deficiency since 1st of month. | Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡ | Snow unmelted. 7 p.m. to 7 p.m. * ‡‡ | Hail, sleet, and snow on ground at 7 p.m. * ‡‡ | Amount of precipitation from melted snow (mid. to mid.). | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | | | | | | | | | | | | | | | | In. | | | | In. | In. | In. | In. | |
| Thursday 1 | 29 | 22 | 7 | 4 | 26 | | | | | | | | | | | | | | | | .10 | | | | 0 | 0.8 | 1.3 | .10 | 1 |
| 2 | 22 | 8 | 19 | 14 | 12 | | | | | | | | | | | | | | | | T | | | | 0 | 0.2 | 1.5 | T | 2 |
| 3 | 8 | -5 | 13 | 10 | 2 | | | | | | | | | | | | | | | | .01 | | | | 0 | T | 1.5 | .01 | 3 |
| 4 | 3 | -10 | 13 | 6 | -4 | | | | | | | | | | | | | | | | T | | | | 0 | 0.1 | 1.6 | T | 4 |
| 5 | 16 | 0 | 16 | 12 | 8 | | | | | | | | | | | | | | | | 0 | | | | 0 | T | 1.6 | 0 | 5 |
| 6 | 21 | 5 | 16 | 5 | 13 | | | | | | | | | | | | | | | | T | | | | 0 | T | 1.6 | T | 6 |
| 7 | 25 | 9 | 16 | 4 | 17 | | | | | | | | | | | | | | | | .02 | | | | 0 | 0.2 | 1.8 | .02 | 7 |
| 8 | 15 | -1 | 16 | 10 | 7 | | | | | | | | | | | | | | | | 0 | | | | 0 | T | 1.7 | 0 | 8 |
| 9 | 10 | -5 | 15 | 5 | 2 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 1.7 | 0 | 9 |
| 10 | 9 | -9 | 18 | 2 | 0 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 1.7 | 0 | 10 |
| 11 | 28 | 3 | 25 | 16 | 16 | | | | | | | | | | | | | | | | .15 | | | | 0 | 1.2 | 2.9 | .15 | 11 |
| 12 | 17 | 3 | 14 | 6 | 10 | | | | | | | | | | | | | | | | T | | | | 0 | 0.3 | 3.2 | T | 12 |
| 13 | 22 | -2 | 24 | 0 | 10 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 3.1 | 0 | 13 |
| 14 | 33 | 16 | 17 | 14 | 24 | | | | | | | | | | | | | | | | T | | | | 0 | T | 2.2 | T | 14 |
| 15 | 42 | 24 | 18 | 9 | 33 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | 0 | 15 |
| 16 | 33 | 25 | 8 | 4 | 29 | | | | | | | | | | | | | | | | T | | | | 0 | 0 | T | 0 | 16 |
| 17 | 42 | 27 | 15 | 5 | 34 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | 0 | 17 |
| 18 | 46 | 36 | 10 | 7 | 41 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | 0 | 18 |
| 19 | 43 | 29 | 14 | 5 | 36 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | 0 | 19 |
| 20 | 35 | 24 | 11 | 6 | 30 | | | | | | | | | | | | | | | | .10 + | | | | 0 | 0 | T | .10 + | 20 |
| 21 | 24 | 12 | 12 | 12 | 18 | | | | | | | | | | | | | | | | 1.20 + | | | | 0 | 12.4 | 12.4 | 1.20 + | 21 |
| 22 | 20 | 14 | 6 | 1 | 17 | | | | | | | | | | | | | | | | .09 | | | | 0 | 1.5 | 13.9 | .09 + | 22 |
| 23 | 38 | 14 | 24 | 9 | 26 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 8.0 | 0 | 23 |
| 24 | 44 | 34 | 10 | 13 | 39 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 4.0 | 0 | 24 |
| 25 | 42 | 32 | 10 | 2 | 37 | | | | | | | | | | | | | | | | .08 | | | | 0 | 0 | T | .05 | 25 |
| 26 | 45 | 24 | 21 | 3 | 34 | | | | | | | | | | | | | | | | .51 + | | | | 0 | 0.5 | T | .02 + | 26 |
| 27 | 24 | 16 | 8 | 14 | 20 | | | | | | | | | | | | | | | | .02 + | | | | 0 | 0.4 | T | .02 + | 27 |
| 28 | 27 | 16 | 11 | 2 | 22 | | | | | | | | | | | | | | | | T | | | | 0 | T | T | T | 28 |
| 29 | 22 | 11 | 11 | 6 | 16 | | | | | | | | | | | | | | | | T | | | | 0 | T | T | T | 29 |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| S. | 785 | 368 | 418 | 206 | 578 | | Total excess or deficiency since January 1, | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | 2.28 | | Total excess or deficiency since January 1, | | 0 | 17 | (a) | (a) | (a) |
| M. | 27.1 | 12.8 | 14.4 | 6.8 | 19.8 | (a) | | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | | | (a) | (a) | (a) | (a) | (a) |

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, $S^d$—dry snow, $S^m$—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

+ Estimated



8—154

# SUMMARY FOR THE MONTH OF February, 1912.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

## PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

| STATION. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. | REDUCED. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.064 | 29.071 | 29.068 | 29.549 | 13 | 28.093 | 21 | 1.456 | 30.028 | 30.034 | 30.031 | 30.54 | 13 | 29.02 | 21 | 1.52 |
| Corrected mean | | 29.063 | | | | | | Corrected mean | | 30.026 | 3,500-ft. | | | 10,000-ft. | |

## TEMPERATURE.

| MEAN. Dry. 8 a. m. | 8 p. m. | (8+8)÷2 (g) | Wet. 8 a. m. | 8 p. m. | Monthly. (g) | Max. | Min. | Monthly. (g) | Sea-level. (g) | 3,500-ft. (g) | 10,000-ft. (g) | Highest. (i) | Date. (i) | Lowest. (i) | Date. (i) | Absolute range. | Greatest daily range. (i) | Date. (i) | Least daily range. (i) | Date. (i) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16.7 | 22.1 | 19.4 | 15.7 | 20.3 | 18.0 | 27.1 | 12.~~7~~ 6 | 19.~~8~~ 8 | — | — | — | 46 | 18 | -10 | 4 | 56 | 25 | 11 | 6 | 27 |

| Dew-point. 8 a. m. | 8 p. m. | Monthly. (g) | Relative Humidity. 8 a. m. | 8 p. m. | Monthly. (g) | Vapor Pressure. 8 a. m. | 8 p. m. | Monthly. (g) | Number of days with—(j) Maximum. 32° or below. | 90° or above. | Minimum. 32° or below. | Zero or below. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13.2 | 16.2 | 14.7 | 85.3 | 77.0 | 81.2 | .090 | .099 | .094 | 18 | 0 | 27 | 7 |

## WIND.

| Total movement (mid. to mid.). | Average hourly velocity. | Prevailing direction. (p) | Maximum velocity. (r) | Direction. (r) | Date. (r) | Number of times wind observed from the— N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7,385 | 10.6 | SW | 42 | NE | 21 | 2 | 6 | 6 | 2 | 7 | 19 | 11 | 5 | 0 |

## WEATHER.

| Mean Cloudiness. 8 a. m. | 8 p. m. | Monthly. (t) | Sunshine. Percentage of possible. | Number of Days. Clear. | Partly cloudy. | Cloudy. | Number of Days with Precipitation (Mid. to Mid.). Clear. (u) | Partly cloudy. (u) | Cloudy. (u) |
|---|---|---|---|---|---|---|---|---|---|
| 6.5 | 5.4 | 5.7 | 42 | 8 | 8 | 13 | 2 | 1 | 7 |

## MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

| Frosts. Light. | Heavy. | Killing. | Thunderstorms. (v) | Winds. (40 miles or over.) | Solar Halos. | Lunar Halos. | Fog. Light. | Dense. | Haze. Light. | Dense. | Smoke. Light. | Dense. | Hail. | Aurora. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | 21 | 21 | 0 | 0 | 16 | 17 | 0 | 0 | 0 | 0 | 0 | 0 |

## PRECIPITATION (in inches and hundredths). (m)

| Total amount. | Greatest amount in 24 consecutive hours. Am't. | Date. (k) | Excessive. 2.50 inches in 24 hours. (l) * Am't. | Duration. h. m. | Date. (k) | 1 inch per hour. (l) Am't. | Duration. h. m. | Date. (k) | Number of days with—(Mid. to Mid.). Trace. | .01 or more. | .04 or more. | .25 or more. | 1.00 or more. | Total. | Snow. Trace or more. | .01 or more melted. | Snow. Total depth. (o) | Average depth at end of month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.28 | 1.2~~8~~ 4 | 21 22 | — | 0 | — | — | 0 | — | 8 | 10 | 7 | 2 | 1 | 18 | 17 | 10 | 17.6 | 7" |

Probably heaviest as snow on 21"

(w) Maximum precipitation in 5 minutes _____, date _____; 10 minutes _____, date _____; 15 minutes _____, date _____;

30 minutes _____, date _____; 1 hour _____, date _____; 2 hours _____, date _____

## EXCESSIVE.

| Date. | Total duration. From— | To— | Total am't of precipitation. | Excessive rate. Began— | Ended— | Am't before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | None. | | | | | | | | | | | | | | | | | |

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ W. S. Ahern L. Fox, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Brown, Texas, for the Month of Feb, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

| Date. | Time. 75th Mer. | Time. Local (standard). | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) | Barometer. Reduced to sea-level. | Thermometers. Dry. | Thermometers. Wet. | Dew-point. | Depression of the dew-point. | Relative humidity. | Maximum thermometer. | Wind. Direction. | Wind. Velocity. † | Wind. Max. since last observation. | Wind. Direction. | Precipitation. †† | Clouds. Am't. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | Special Phenomena. | Initials of Observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 12.20a | 11.20a | 68.0 | 28.355 | -.110 | 28.245 | 29.18 | 20.0 | 19.1 | 17 | 3 | 86 | 22.0 | N | 28 | 40 | NE | .28 | 10 | Nb | N | Hvy Snow | Ice Pellets | W.S.P. | 21 |
| 21 | 4.30p | 3.30p | 71.0 | 28.210 | -.117 | 28.093 | 29.02 | 19.2 | | | | | | | | | | | | | | | | H.P.C. | 21 |

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

# ORIGINAL MONTHLY RECORD

OF

# OBSERVATIONS

AT

Fort Wayne, Ind.

*For the Month of* March, *1912*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20. 1911 7.00 a.m.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun streets, room 911-912; first observation taken in present office, 7.00 a.m. May 20, 1911

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 a. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | |
| 1 | 66.5 | 29.646 | -.111 | 29.535 | 30.52 | 10.0 | 8.9 | 4 | 77 | .047 | 15.2 | 9.3 | W | 9 | | | 0 | 2 | St | W | Clear | | B.A.S. | 1 |
| 2 | 68.5 | 29.808 | -.116 | 29.692 | 30.69 | 7.5 | 6.8 | 4 | 83 | .047 | 14.8 | 7.0 | NW | 4 | | | 0 | Few | St | W | Clear | | B.A.S. | 2 |
| 3 | 67.0 | 29.691 | -.112 | 29.579 | 30.56 | 12.5 | 12.1 | 10 | 92 | .063 | 18.0 | 12.5 | NE | 15 | | | .04 | 10 | Nb | NE | Lt Snow | | B.A.S. | 3 |
| 4 | 65.0 | 29.636 | -.107 | 29.529 | 30.51 | 12.0 | 11.3 | 9 | 86 | .060 | 14.8 | 11.5 | NE | 12 | | | 0 | 10 | St | NE | Cloudy | | B.A.S. | 4 |
| 5 | 68.5 | 29.776 | -.116 | 29.660 | 30.65 | 8.8 | 8.0 | 5 | 82 | .049 | 22.8 | 8.1 | NE | 10 | | | T | 0 | 0 | 0 | Clear | | B.A.S. | 5 |
| 6 | 67.5 | 29.530 | -.113 | 29.417 | 30.40 | 10.0 | 8.9 | 4 | 76 | .047 | 18.2 | 9.2 | NE | 6 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 6 |
| 7 | 68.0 | 29.328 | -.113 | 29.215 | 30.18 | 19.0 | 18.1 | 16 | 86 | .085 | 27.8 | 18.5 | NE | 8 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 7 |
| 8 | 69.0 | 29.220 | -.116 | 29.104 | 30.05 | 31.6 | 31.0 | 30 | 94 | .164 | 32.0 | 31.1 | NW | 6 | | | .04 | 10 | St | NW | Cloudy | | B.A.S. | 8 |
| 9 | 67.0 | 29.476 | -.111 | 29.365 | 30.33 | 11.5 | 10.8 | 8 | 86 | .057 | 30.2 | 11.5 | N | 9 | | | .01 | 0 | 0 | 0 | Clear | | B.A.S. | 9 |
| 10 | 65.0 | 29.464 | -.106 | 29.358 | 30.33 | 15.0 | 13.9 | 10 | 80 | .063 | 21.2 | 14.0 | SW | 6 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 10 |
| 11 | 63.0 | 29.286 | -.100 | 29.186 | 30.14 | 25.8 | 24.0 | 20 | 78 | .103 | 29.9 | 23.4 | E | 4 | | | 0 | 10 | St | E | Cloudy | | B.A.S. | 11 |
| 12 | 64.5 | 29.000 | -.113 | 28.887 | 29.84 | 30.5 | 30.0 | 30 | 95 | .164 | 31.0 | 30.0 | NE | 8 | | | .25 | 10 | Nb | NE | Lt Snow | | B.A.S. | 12 |
| 13 | 68.0 | 29.896 | -.110 | 29.084 | 30.04 | 17.0 | 15.8 | 12 | 80 | .070 | 32.8 | 16.3 | NW | 8 | | | T | 0 | 0 | 0 | Clear | | B.A.S. | 13 |
| 14 | 68.0 | 29.316 | -.113 | 29.203 | 30.15 | 31.0 | 30.2 | 29 | 91 | .157 | 31.0 | 26.6 | SE | 3 | | | 0 | 10 | St | SE | Cloudy | | B.A.S. | 14 |
| 15 | 68.0 | 28.714 | -.111 | 28.603 | 29.53 | 32.7 | 32.4 | 32 | 97 | .180 | 33.5 | 32.0 | N | 6 | | | .45 | 10 | Nb | N | Lt Snow | | B.A.S. | 15 |
| 16 | 65.0 | 29.486 | -.106 | 29.380 | 30.35 | 17.1 | 15.8 | 12 | 78 | .070 | 24.2 | 15.0 | S | 6 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 16 |
| 17 | 69.0 | 29.404 | -.117 | 29.287 | 30.24 | 34.0 | 31.8 | 29 | 79 | .157 | 34.5 | 29.0 | SE | 10 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 17 |
| 18 | 69.0 | 29.394 | -.117 | 29.277 | 30.28 | 31.9 | 30.1 | 27 | 81 | .143 | 49.0 | 30.3 | SW | 7 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 18 |
| 19 | 70.0 | 29.112 | -.118 | 28.994 | 29.93 | 42.2 | 39.0 | 35 | 76 | .203 | 44.0 | 39.6 | SW | 12 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 19 |
| 20 | 71.0 | 29.464 | -.122 | 29.342 | 30.29 | 24.0 | 22.5 | 19 | 81 | .098 | 49.0 | 23.2 | NE | 18 | | | 0 | 10 | St | NE | Cloudy | | B.A.S. | 20 |
| 21 | 67.0 | 29.100 | -.110 | 28.990 | 29.95 | 22.0 | 21.3 | 20 | 90 | .103 | 27.7 | 21.0 | NE | 9 | 31 | NE | .28 | 10 | St | NE | Cloudy | | B.A.S. | 21 |
| 22 | 67.5 | 29.604 | -.113 | 29.491 | 30.46 | 18.7 | 17.2 | 13 | 76 | .074 | 24.4 | 16.6 | W | 5 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 22 |
| 23 | 68.0 | 29.480 | -.114 | 29.366 | 30.34 | 23.5 | 22.0 | 18 | 80 | .093 | 26.0 | 21.0 | E | 5 | | | 0 | 10 | St | E | Cloudy | | B.A.S. | 23 |
| 24 | 67.0 | 28.976 | -.110 | 28.866 | 29.82 | 28.3 | 26.5 | 23 | 79 | .118 | 33.0 | 23.0 | NE | 20 | | | .22 | 10 | St | NE | Cloudy | | B.A.S. | 24 |
| 25 | 65.5 | 29.284 | -.107 | 29.177 | 30.14 | 18.2 | 16.8 | 13 | 78 | .074 | 26.3 | 16.6 | NW | 4 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 25 |
| 26 | 66.5 | 29.042 | -.108 | 28.934 | 29.88 | 33.3 | 30.2 | 25 | 70 | .130 | 33.3 | 28.7 | SW | 16 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 26 |
| 27 | 69.0 | 29.272 | -.106 | 29.166 | 30.10 | 34.0 | 32.9 | 32 | 89 | .180 | 40.0 | 31.6 | S | 4 | | | 0 | 10 | St | S | Cloudy | | B.A.S. | 27 |
| 28 | 69.0 | 29.152 | -.116 | 29.036 | 29.99 | 31.5 | 31.4 | 31 | 99 | .172 | 39.0 | 30.0 | NE | 9 | | | T | 10 | Nb | NE | Lt Rain | | B.A.S. | 28 |
| 29 | 68.0 | 28.658 | -.111 | 28.547 | 29.47 | 40.0 | 39.4 | 39 | 95 | .237 | 40.0 | 35.0 | N | 5 | | | .51 | 10 | St | N | Cloudy | | B.A.S. | 29 |
| 30 | 67.0 | 29.434 | -.111 | 29.323 | 30.28 | 29.0 | 27.8 | 26 | 87 | .136 | 36.0 | 28.0 | SE | 6 | | | 0 | 10 | St | SE | Cloudy | | B.A.S. | 30 |
| 31 | 69.0 | 29.324 | -.116 | 29.208 | 30.14 | 44.0 | 41.8 | 40 | 84 | .247 | 44.0 | 40.0 | S | 12 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 31 |
| Sums | | (a) | (a) | 905.791 | 935.53 | 746.6 | 708.7 | 625 | 2605 | 3.591 | (a) | (a) | (a) | 262 | (a) | (a) | 1.80 | 152 | (a) | (a) | (a) | | (a) | (a) |
| Means | | (a) | (a) | 29.219 | 30.178 | 24.1 | 22.9 | 20.2 | 84.0 | .116 | (a) | (a) | (c) NE | 8.5 | (a) | (a) | (a) | 4.9 | (c) St | (c) NE | (a) | | (a) | (a) |

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

+ estimated

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 p. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | Fog, Mid. to Mid. (local standard time). Light. (f) | Fog, Mid. to Mid. (local standard time). Dense. (f) | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | | |
| 1 | 70.0 | 29.764 | -.120 | 29.644 | 30.63 | 14.8 | 13.0 | 7 | 68 | .054 | 18.2 | 10.0 | NW | 10 | | | 0 | 10 | St | NW | Cloudy | | | HPC | 1 |
| 2 | 72.0 | 29.770 | -.126 | 29.644 | 30.63 | 17.2 | 16.0 | 12 | 80 | .070 | 18.8 | 7.5 | E | 10 | | | 0 | 10 | St | E | Cloudy | | | HPC | 2 |
| 3 | 70.0 | 29.632 | -.120 | 29.512 | 30.49 | 14.8 | 13.2 | 8 | 72 | .057 | 18.9 | 12.5 | NE | 16 | | | .02 | 1 | St | NE | Clear | | | HPC | 3 |
| 4 | 74.0 | 29.617 | -.130 | 29.487 | 30.47 | 22.8 | 21.8 | 20 | 87 | .103 | 23.3 | 12.0 | NE | 6 | | | T | 10 | Ub | NE | Lt Snow | | | HPC | 4 |
| 5 | 74.0 | 29.684 | -.131 | 29.553 | 30.53 | 18.2 | 16.6 | 12 | 75 | .070 | 23.1 | 8.8 | NE | 12 | | | 0 | 0 | 0 | 0 | Clear | | | HPC | 5 |
| 6 | 73.0 | 29.396 | -.127 | 29.269 | 30.24 | 27.8 | 24.3 | 17 | 60 | .089 | 30.0 | 10.0 | NE | 6 | | | 0 | 0 | 0 | 0 | Clear | | | HPC | 6 |
| 7 | 73.0 | 29.272 | -.126 | 29.146 | 30.11 | 32.0 | 31.5 | 31 | 95 | .172 | 37.1 | 19.0 | E | 2 | | | .04 | 10 | Ub | E | Lt Snow | | | HPC | 7 |
| 8 | 72.5 | 29.282 | -.125 | 29.157 | 30.11 | 30.2 | 29.2 | 27 | 89 | .143 | 37.8 | 30.2 | N | 12 | | | T | 10 | Ub | N | Lt Snow | | | HPC | 8 |
| 9 | 70.0 | 29.496 | -.119 | 29.377 | 30.36 | 21.2 | 18.5 | 11 | 61 | .066 | 24.3 | 11.5 | NW | 8 | | | 0 | 0 | 0 | 0 | Clear | | | HPC | 9 |
| 10 | 68.0 | 29.403 | -.114 | 29.289 | 30.26 | 29.9 | 25.4 | 16 | 52 | .085 | 32.7 | 15.0 | SW | 6 | | | 0 | 2 | St | SW | Clear | | | HPC | 10 |
| 11 | 70.0 | 29.086 | -.118 | 28.968 | 29.92 | 30.2 | 29.7 | 29 | 95 | .157 | 32.9 | 25.8 | E | 6 | | | .16 | 10 | Ub | E | Lt Snow | | | HPC | 11 |
| 12 | 70.5 | 29.062 | -.119 | 28.943 | 29.89 | 32.8 | 32.3 | 32 | 95 | .180 | 34.0 | 30.1 | N | 12 | | | T | 10 | Ub | N | Lt Snow | | | HPC | 12 |
| 13 | 71.0 | 29.294 | -.121 | 29.173 | 30.13 | 31.0 | 28.2 | 23 | 71 | .118 | 34.8 | 17.0 | SW | 8 | | | 0 | 0 | 0 | 0 | Clear | | | HPC | 13 |
| 14 | 72.0 | 29.306 | -.123 | 28.913 | 29.86 | 32.8 | 32.3 | 32 | 95 | .180 | 39.4 | 31.0 | E | 9 | | | .26 | 10 | Ub | E | Lt Snow | | | HPC | 14 |
| 15 | 69.0 | 29.150 | -.116 | 29.034 | 29.98 | 24.2 | 22.7 | 18 | 81 | .093 | 32.7 | 24.2 | NW | 14 | | | .06 | 9 | St | NW | Cloudy | | | HPC | 15 |
| 16 | 70.0 | 29.492 | -.119 | 29.373 | 30.34 | 34.5 | 32.0 | 28 | 77 | .150 | 39.1 | 17.1 | SE | 8 | | | 0 | 2 | St | SE | Clear | | | HPC | 16 |
| 17 | 68.0 | 29.200 | -.113 | 29.087 | 30.03 | 49.0 | 44.6 | 40 | 72 | .247 | 54.3 | 34.0 | SW | 10 | | | 0 | 10 | St | SW | Cloudy | | | HPC | 17 |
| 18 | 72.0 | 29.308 | -.124 | 29.184 | 30.12 | 44.0 | 40.2 | 35 | 72 | .203 | 49.2 | 31.9 | SE | 2 | | | 0 | 0 | 0 | 0 | Clear | | | HPC | 18 |
| 19 | 73.0 | 29.104 | -.125 | 28.979 | 29.92 | 49.0 | 46.8 | 45 | 85 | .298 | 57.1 | 42.2 | W | 2 | | | .04 | 1 | St | W | Clear | | | HPC | 19 |
| 20 | 71.0 | 29.176 | -.120 | 29.056 | 30.02 | 22.2 | 21.7 | 20 | 93 | .103 | 24.2 | 21.1 | NE | 20 | 35 | NE | .30 | 10 | Ub | NE | Lt Snow | | | HPC | 20 |
| 21 | 69.0 | 29.418 | -.117 | 29.301 | 30.26 | 24.4 | 22.0 | 17 | 70 | .089 | 25.3 | 22.0 | NW | 10 | | | T | 10 | St | NW | Cloudy | | | HPC | 21 |
| 22 | 71.0 | 29.623 | -.122 | 29.501 | 30.47 | 26.0 | 23.4 | 18 | 68 | .093 | 28.8 | 18.7 | E | 4 | | | 0 | 0 | 0 | 0 | Clear | | | HPC | 22 |
| 23 | 71.0 | 29.172 | -.121 | 29.051 | 30.00 | 33.0 | 31.8 | 31 | 88 | .172 | 34.1 | 23.5 | NE | 12 | | | 0 | 10 | St | NE | Cloudy | | | HPC | 23 |
| 24 | 70.0 | 29.112 | -.118 | 28.994 | 29.95 | 26.3 | 23.3 | 17 | 64 | .089 | 30.7 | 26.3 | N | 8 | 31 | NE | 0 | 1 | St | N | Clear | | | HPC | 24 |
| 25 | 70.0 | 29.211 | -.118 | 29.093 | 30.05 | 31.8 | 26.8 | 17 | 50 | .089 | 35.7 | 18.2 | S | 6 | | | 0 | 2 | St | S | Clear | | | HPC | 25 |
| 26 | 71.0 | 29.192 | -.121 | 29.071 | 30.02 | 40.0 | 37.0 | 33 | 76 | .187 | 45.8 | 33.3 | W | 5 | | | 0 | 10 | St | W | Cloudy | | | HPC | 26 |
| 27 | 73.0 | 29.200 | -.126 | 29.074 | 30.02 | 39.0 | 37.2 | 34 | 86 | .195 | 40.9 | 34.0 | SW | 4 | | | T | 10 | St | SW | Cloudy | | | HPC | 27 |
| 28 | 71.0 | 28.821 | -.119 | 28.702 | 29.64 | 36.0 | 35.6 | 35 | 96 | .203 | 37.4 | 31.5 | NE | 10 | | | .04 | 10 | St | NE | Cloudy | | | HPC | 28 |
| 29 | 72.0 | 29.174 | -.124 | 29.050 | 29.99 | 36.0 | 31.4 | 25 | 60 | .130 | 46.8 | 36.0 | N | 12 | | | 0 | 10 | St | N | Cloudy | | | HPC | 29 |
| 30 | 72.5 | 29.395 | -.126 | 29.269 | 30.22 | 44.5 | 42.5 | 40 | 86 | .247 | 46.4 | 29.0 | S | 5 | | | 0 | 0 | 0 | 0 | Clear | | | HPC | 30 |
| 31 | 70.0 | 29.272 | -.119 | 29.153 | 30.08 | 45.8 | 41.3 | 36 | 69 | .211 | 68.7 | 44.0 | N | 10 | 29 | SW | 0 | 7 | St | N | Pt Cldy | | | HPC | 31 |
| Sums | | (a) | (a) | 905.047 | 934.74 | 961.4 | 892.3 | 766 | 2388 | 4.343 | (a) | (a) | (a) | 265 | (a) | (a) | 0.92 | 185 | (a) | (a) | (a) | 0 | 0 | (a) | (a) |
| Means | | (a) | (a) | 29.195 | 30.153 | 31.0 | 28.8 | 24.7 | 77.0 | .140 | (a) | (a) | (c) NE | 8.5 | (a) | (a) | (a) | 6.0 | (c) St | (c) NE | (a) | (a) | (a) | (a) | (a) |

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

+ Ruled line omitted



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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1912

| Date. | Temperature. Maximum. (b) | Minimum. (b) | Range. (b) | Change. (b) | Mean. (Max. and Min.) (b) | Normal. | Departure. | Total excess or deficiency since 1st of month. | Precipitation. Character.‡ | Beginning. | Ending. | Character.‡ | Beginning. | Ending. | Character.‡ | Beginning. | Ending. | Character.‡ | Beginning. | Ending. | Total (Mid. to mid.). (b) †† | Normal. | Departure. | Total excess or deficiency since 1st of month. | Hail and sleet unmelted. 7 p.m. to 7 p.m.* ‡‡ | Snow unmelted. 7 p.m. to 7 p.m.* ‡‡ | Hail, sleet, and snow on ground at 7 p.m.* ‡‡ | Amount of precipitation from melted snow (mid. to mid.). | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | | | | | | | | | | | | | | | | In. | | | | In. | In. | In. | In. | |
| FRIDAY 1 | 18 | 9 | 9 | 2 | 14 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | 0 | 1 |
| 2 | 19 | 7 | 12 | 1 | 13 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | 0 | 2 |
| 3 | 19 | 12 | 7 | 3 | 16 | | | | | | | | | | | | | | | | .06 | | | | 0 | 0.6 | 0.6 | .06 | 3 |
| 4 | 23 | 12 | 11 | 2 | 18 | | | | | | | | | | | | | | | | T | | | | 0 | T | 0.6 | T | 4 |
| 5 | 23 | 8 | 15 | 2 | 16 | | | | | | | | | | | | | | | | 0 | | | | 0 | T ~~0~~ | T ~~0~~ | 0 | 5 |
| 6 | 30 | 9 | 21 | 4 | 20 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 ~~T~~ | T ~~0~~ | 0 | 6 |
| 7 | 37 | 18 | 19 | 8 | 28 | | | | | | | | | | | | | | | | .08 | | | | 0 | 0.4 | 0.4 | .08 | 7 |
| 8 | 38 | 26 | 12 | 4 | 32 | | | | | | | | | | | | | | | | .01 | | | | 0 | 0.4 | T | .01 | 8 |
| 9 | 24 ~~12~~ | 12 ~~4~~ | 12 | 14 ~~3~~ | 18 ~~9~~ | | | | | | | | | | | | | | | | 0 | | | | 0 | 0.1 ~~0~~ | T | 0 | 9 |
| 10 | 33 | 14 | 19 | 6 | 24 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | 0 | 10 |
| 11 | 33 | 23 | 10 | 4 | 28 | | | | | | | | | | | | | | | | .31† | | | | 0 | 1.6 | 1.6 | .31† | 11 |
| 12 | 34 | 28 | 6 | 3 | 31 | | | | | | | | | | | | | | | | .10† | | | | 0 | 2.5 | T | .10† | 12 |
| 13 | 39 ~~35~~ | 28 ~~16~~ | 19 | 5 | 26 | | | | | | | | | | | | | | | | 0 | | | | 0 | T | T | 0 | 13 |
| 14 | 39 | 28 ~~7~~ | 12 | 7 ~~3~~ | 34 ~~3~~ | | | | | | | | | | | | | | | | .51† | | | | 0 | T ~~2.6~~ | T ‡ | .51† | 14 |
| 15 | 34 | 18 ~~8~~ | 15 ~~6~~ | 7 | 26 | | | | | | | | | | | | | | | | .26† | | | | 0 | 5.1 | 5.1 | .26† | 15 |
| 16 | 39 | 15 | 24 | 1 | 27 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | 0 | 16 |
| 17 | 54 | 29 | 25 | 15 | 42 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | 0 | 17 |
| 18 | 49 | 30 | 19 | 2 | 40 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | 0 | 18 |
| 19 | 57 | 35 | 22 | 6 | 46 | | | | | | | | | | | | | | | | .04 | | | | 0 | 0 | T | 0 | 19 |
| 20 | 35 | 21 | 14 | 18 | 28 | | | | | | | | | | | | | | | | .50† | | | | 0 | 3.0 | 3.0 | .50† | 20 |
| 21 | 28 | 21 | 7 | 4 | 24 | | | | | | | | | | | | | | | | .08† | | | | 0 | 2.8 | 5.8 | .08† | 21 |
| 22 | 29 | 17 | 12 | 1 | 23 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 1.0 | 0 | 22 |
| 23 | 34 | 21 | 13 | 5 | 28 | | | | | | | | | | | | | | | | .05† | | | | 0 | 0 | T | .05† | 23 |
| 24 | 31 | 21 | 10 | 2 | 26 | | | | | | | | | | | | | | | | .17† | | | | 0 | 2.2 | 2.0 | .17† | 24 |
| 25 | 36 | 17 | 19 | 0 | 26 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | 0 | 25 |
| 26 | 46 | 29 | 17 | 12 | 38 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | 0 | 26 |
| 27 | 41 | 32 | 9 | 2 | 36 | | | | | | | | | | | | | | | | T | | | | 0 | 0 | T | 0 | 27 |
| 28 | 37 | 30 | 7 | 2 | 34 | | | | | | | | | | | | | | | | .16 | | | | 0 | 0 | T | 0 | 28 |
| 29 | 47 | 32 | 15 | 6 | 40 | | | | | | | | | | | | | | | | .39 | | | | 0 | 0 | T | 0 | 29 |
| 30 | 46 | 28 | 18 | 3 | 37 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | 0 | 30 |
| 31 | 69 | 39 | 30 | 17 | 54 | | | | | | | | | | | | | | | | 0 | | | | 0 | 8.7 | 0 | 0 | 31 |
| S. | 1117 | 656 | 461 | 168 | 892 | | Total excess or deficiency since January 1, | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | 2.72 | | Total excess or deficiency since January 1, — | | 0 | 18.7 ~~21.3~~ | (a) | (a) | (a) |
| M. | 36.0 | 21.2 | 14.9 | 5.4 | 28.8 | (a) | | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | | | (a) | (a) | (a) | (a) | (a) |

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, $S^d$—dry snow, $S^m$—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

† Estimated
‡ melted as it fell



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# SUMMARY FOR THE MONTH OF March, 1912, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

## PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

| Station. Mean. 8 a. m. | Station. Mean. 8 p. m. | Station. Mean. Monthly. (g) | Station. Highest. (h) | Station. Date. | Station. Lowest. (h) | Station. Date. | Station. Absolute range. | Reduced. Mean. 8 a. m. | Reduced. Mean. 8 p. m. | Reduced. Mean. Monthly. (g) | Reduced. Highest. (h) | Reduced. Date. | Reduced. Lowest. (h) | Reduced. Date. | Reduced. Absolute range. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.219 | 29.195 | 29.207 | 29.692 | 2" | 28.547 | 29 | 1.145 | 30.179 | 30.153 | ~~29~~ 30.166 | 30.69 | 2" | 29.47 | 29 | 1.22 |
| Corrected mean | | 29.202 | | | | | | Corrected mean | | ~~29~~ 30.161 | 3,500-ft. | | | 10,000-ft. | |

## TEMPERATURE.

| Mean. Dry. 8 a. m. | Dry. 8 p. m. | Dry. (8+8)÷2 (g) | Wet. 8 a. m. | Wet. 8 p. m. | Wet. Monthly. (g) | Max. | Min. | Monthly. (g) | Sea-level. (g) | 3,500-ft. (g) | 10,000-ft. (g) | Highest. (i) | Date. (i) | Lowest. (i) | Date. (i) | Absolute range. | Greatest daily range. (i) | Date. (i) | Least daily range. (i) | Date. (i) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24.1 | 31.0 | 27.6 | 22.9 | 28.8 | 25.8 | 36.0 | 21.2 | 28.6 | — | — | — | 69 | 31 | 7 | 2 | 62 | 30 | 31 | 6 | 12" |

| Dew-point. 8 a. m. | Dew-point. 8 p. m. | Dew-point. Monthly. (g) | Relative Humidity. 8 a. m. | Relative Humidity. 8 p. m. | Relative Humidity. Monthly. (g) | Vapor Pressure. 8 a. m. | Vapor Pressure. 8 p. m. | Vapor Pressure. Monthly. (g) | Number of days with—(j) Maximum. 32° or below. | Maximum. 90° or above. | Minimum. 32° or below. | Minimum. Zero or below. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20.2 | 24.7 | 22.4 | 84.~~7~~ 0 | 77.0 | 80.8 5 | .~~119~~ 116 | .140 | .130 28 | 10 | 0 | 29 | 0 |

## WIND.

| Total movement (mid. to mid.). | Average hourly velocity. | Prevailing direction. (p) | Maximum velocity. (r) | Direction. (r) | Date. (r) | N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70~~7~~ 24 | 9.4 | NE | 35 | NE | 20 | 8 | 17 | 7 | 5 | 5 | 8 | ~~3~~ 4 | 8 | 0 |

## WEATHER.

| Mean Cloudiness. 8 a. m. | 8 p. m. | Monthly. (t) | Sunshine. Percentage of possible. | Number of Days. Clear. | Partly cloudy. | Cloudy. | Number of Days with Precipitation (Mid. to Mid.). Clear. (u) | Partly cloudy. (u) | Cloudy. (u) |
|---|---|---|---|---|---|---|---|---|---|
| 4.9 | 6.0 | 5.8 | ~~57~~ 48 | 11 | 4 | 16 | 0 | 1 | 13 |

## MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

| Frosts. Light. | Heavy. | Killing. | Thunderstorms. (v) | Winds. (40 miles or over.) | Solar Halos. | Lunar Halos. | Fog. Light. | Fog. Dense. | Haze. Light. | Haze. Dense. | Smoke. Light. | Smoke. Dense. | Hail. | Aurora. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## PRECIPITATION (in inches and hundredths). (m)

| Total amount. | Greatest amount in 24 consecutive hours. Am't. | Date. (k) | Excessive. 2.50 inches in 24 hours. (l) * Am't. | Duration. h. m. | Date. (k) | 1 inch per hour. (l) Am't. | Duration. h. m. | Date. (k) | Number of days with—(Mid. to Mid.). Trace. | .01 or more. | .04 or more. | .25 or more. | 1.00 or more. | Total. | Snow. Trace or more. | .01 or more melted. | Snow. Total depth. (o) | Average depth at end of month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.72 | 0.71 | 14" 15" | — | 0 | — | — | 0 | — | 2 | 14 | 13 | 5 | 0 | ~~0~~ 16 | 12 | 11 | 21.3 | 0 |

Believed to have occurred as snow on 20".

(w) Maximum precipitation in 5 minutes _____, date _____; 10 minutes _____, date _____; 15 minutes _____, date _____;

30 minutes _____, date _____; 1 hour _____, date _____; 2 hours _____, date _____

## EXCESSIVE.

| Date. | Total Duration. From— | To— | Total am't of precipitation. | Excessive Rate. Began— | Ended— | Am't before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | None | | | | | | | | | | | | | | | | | |

*The duration is the time precipitation was actually recorded.

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Prepared by _____ W. S. Palmer, L. F., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

| Date. | Special Observations. | | | | | | | | | | | | | | | | | | | | | | | | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time. | | Barometer. | | | | | Thermometers. | | | | | | Wind. | | | | | Clouds. | | | | | | |
| | 75th Mer. | Local (standard). | Attached thermometer. | Observed reading. | Total correction. | Station. (Observed reading plus total cor.) | Reduced to sea-level. | Dry. | Wet. | Dew-point. | Depression of the dew-point. | Relative humidity. | Maximum thermometer. | Direction. | Velocity. † | Max. since last observation. | Direction. | Precipitation. †† | Am't. | Kind. | Dir. from. | State of Weather. | Special Phenomena. | Initials of Observer. | |
| | | | | | | | | None. | | | | | | | | | | | | | | | | | |

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

# ORIGINAL MONTHLY RECORD

OF

# OBSERVATIONS

AT

Fort Wayne, Ind.

*For the Month of* April, *1912*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, —— feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20. 1911 7.00 a.m.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Berry + Calhoun streets, room 911-912; first observation taken in present office, 7.00 a. m. May 20, 1912.

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 a. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | |
| 1 | 69.0 | 29.150 | -.116 | 29.034 | 29.97 | 35.0 | 34.4 | 34 | 94 | .195 | 45.8 | 34.0 | E | 9 | | | 0 | 10 | St | E | Cloudy | | B.A.S. | 1 |
| 2 | 70.0 | 28.868 | -.117 | 28.751 | 29.69 | 33.0 | 32.5 | 32 | 95 | .180 | 38.8 | 32.0 | NE | 12 | | | .05 | 10 | St | NE | Cloudy | | B.A.S. | 2 |
| 3 | 64.0 | 29.362 | -.103 | 29.259 | 30.22 | 27.0 | 24.5 | 20 | 70 | .103 | 37.0 | 25.0 | NW | 9 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 3 |
| 4 | 65.0 | 29.480 | -.106 | 29.374 | 30.32 | 39.0 | 37.5 | 36 | 88 | .211 | 42.5 | 36.0 | S | 12 | | | 0 | 4 | St | W | Pt Cloudy | | B.A.S. | 4 |
| 5 | 68.0 | 29.278 | -.113 | 29.165 | 30.08 | 54.0 | 51.5 | 49 | 85 | .347 | 62.6 | 51.5 | SW | 17 | | | 0 | 7 | a. St | S | Pt Cloudy | | B.A.S. | 5 |
| 6 | 70.0 | 29.090 | -.118 | 28.972 | 29.89 | 57.0 | 54.5 | 53 | 85 | .402 | 65.8 | 54.0 | S | 15 | | | 0 | 10 | A-St. | S | Cloudy | | B.A.S. | 6 |
| 7 | 65.5 | 29.070 | -.106 | 28.964 | 29.89 | 39.0 | 38.5 | 38 | 96 | .228 | 66.5 | 39.0 | W | 24 | 34 | SW | .23 | 10 | St | W | Cloudy | | B.A.S. | 7 |
| 8 | 65.0 | 29.528 | -.106 | 29.422 | 30.38 | 36.0 | 34.0 | 31 | 82 | .172 | 36.0 | 32.0 | W | 8 | | | 0 | 10 | St | NW | Cloudy | | B.A.S. | 8 |
| 9 | 64.0 | 29.206 | -.102 | 29.104 | 30.03 | 44.0 | 41.0 | 38 | 78 | .228 | 51.2 | 41.0 | SW | 17 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 9 |
| 10 | 72.0 | 29.258 | -.124 | 29.134 | 30.06 | 42.0 | 39.0 | 35 | 77 | .203 | 61.0 | 40.0 | N | 6 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 10 |
| 11 | 73.5 | 29.234 | -.128 | 29.106 | 30.04 | 48.0 | 43.5 | 39 | 70 | .237 | 58.8 | 45.0 | SW | 7 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 11 |
| 12 | 73.5 | 29.076 | -.127 | 28.948 | 29.87 | 58.0 | 54.0 | 51 | 77 | .373 | 66.4 | 53.5 | S | 11 | | | T | 3 | a. St | SW | Clear | | B.A.S. | 12 |
| 13 | 71.0 | 29.108 | -.120 | 28.988 | 29.92 | 44.0 | 43.0 | 42 | 93 | .266 | 59.6 | 43.0 | NE | 14 | | | .12 | 10 | St | NE | Cloudy | | B.A.S. | 13 |
| 14 | 67.0 | 28.950 | -.110 | 28.840 | 29.76 | 57.2 | 53.2 | 50 | 77 | .360 | 57.2 | 42.4 | SE | 8 | | | T | 10 | St | SE | Cloudy | | H.F.C. | 14 |
| 15 | 69.0 | 29.091 | -.115 | 28.976 | 29.90 | 57.2 | 54.2 | 52 | 83 | .387 | 68.0 | 55.2 | S | 10 | | | 0 | 0 | 0 | 0 | Clear | | H.F.C. | 15 |
| 16 | 71.0 | 29.256 | -.121 | 29.135 | 30.07 | 47.3 | 42.8 | 38 | 69 | .228 | 63.0 | 44.2 | NW | 4 | | | 0 | 0 | 0 | 0 | Clear | | H.F.C. | 16 |
| 17 | 69.0 | 29.122 | -.115 | 29.007 | 29.95 | 36.0 | 34.7 | 33 | 89 | .187 | 54.0 | 36.0 | NE | 24 | 30 | NE | T | 10 | St | NE | Cloudy | | H.F.C. | 17 |
| 18 | 54.0 | 28.822 | -.076 | 28.746 | 29.69 | 36.2 | 35.7 | 35 | 95 | .203 | 41.1 | 36.2 | SW | 18 | 28 | SW | .03 | 10 | Nb | SW | Lt Rain | | H.F.C. | 18 |
| 19 | 64.5 | 29.254 | -.104 | 29.150 | 30.10 | 34.2 | 30.7 | 25 | 67 | .130 | 36.0 | 30.1 | W | 6 | | | 0 | 0 | 0 | 0 | Clear | | H.F.C. | 19 |
| 20 | 68.0 | 29.242 | -.113 | 29.179 | 30.11 | 41.3 | 37.3 | 32 | 69 | .180 | 49.0 | 40.2 | E | 4 | | | T | 10 | St | E | Cloudy | | H.F.C. | 20 |
| 21 | 70.0 | 29.146 | -.118 | 29.028 | 29.96 | 48.8 | 44.3 | 40 | 71 | .247 | 56.5 | 41.2 | SE | 6 | | | 0 | 10 | St | SE | Cloudy | | H.F.C. | 21 |
| 22 | 69.5 | 28.788 | -.115 | 28.673 | 29.58 | 53.0 | 49.0 | 45 | 75 | .298 | 62.0 | 52.0 | W | 16 | | | .47 | Fw | St | W | Clear | | B.A.S. H.F.C. | 22 |
| 23 | 66.0 | 29.412 | -.109 | 29.303 | 30.25 | 37.5 | 33.0 | 26 | 62 | .136 | 42.7 | 33.0 | SW | 6 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 23 |
| 24 | 64.0 | 29.330 | -.103 | 29.227 | 30.16 | 51.0 | 46.0 | 41 | 69 | .256 | 55.0 | 47.0 | SW | 12 | | | T | 10 | St | W | Cloudy | | B.A.S. | 24 |
| 25 | 68.0 | 29.612 | -.114 | 29.498 | 30.44 | 47.5 | 41.0 | 33 | 57 | .187 | 53.0 | 49.0 | SE | 6 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 25 |
| 26 | 69.0 | 29.208 | -.116 | 29.092 | 30.01 | 55.0 | 54.5 | 54 | 97 | .417 | 62.5 | 55.0 | S | 20 | | | .05 | 10 | Nb | S | Lt Rain | | B.A.S. | 26 |
| 27 | 68.0 | 29.371 | -.113 | 29.258 | 30.20 | 46.0 | 42.5 | 39 | 75 | .237 | 61.2 | 44.0 | NW | 12 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 27 |
| 28 | 68.0 | 29.450 | -.114 | 29.336 | 30.28 | 41.8 | 38.5 | 34 | 75 | .195 | 50.7 | 38.5 | E | 12 | | | 0 | 10 | St | E | Cloudy | | B.A.S. | 28 |
| 29 | 65.0 | 28.874 | -.104 | 28.770 | 29.69 | 42.0 | 41.5 | 41 | 96 | .256 | 44.0 | 41.6 | NE | 10 | | | .04 | 10 | St | NE | Cloudy | | H.F.C. | 29 |
| 30 | 66.0 | 29.200 | -.108 | 29.092 | 30.03 | 42.0 | 38.0 | 33 | 70 | .187 | 44.8 | 40.0 | NE | 8 | | | .02 | 1 | St | NE | Clear | | H.F.C. | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| Sums | | (a) | (a) | 872.532 | 900.54 | 1330.0 | 1244.8 | 1149 | 2386 | 7236 | (a) | (a) | (a) | 343 | (a) | (a) | 1.01 | 165 | (a) | (a) | (a) | | (a) | (a) |
| Means | | (a) | (a) | 29.084 | 30.018 | 44.3 | 41.5 | 38.3 | 79.5 | .241 | (a) | (a) | (c) SW | 11.4 | (a) | (a) | (a) | 5.5 | (c) St | (c) NE | (a) | | (a) | (a) |

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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# ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 p. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | Fog, Mid. to Mid. (local standard time). Light. (f) | Fog, Mid. to Mid. (local standard time). Dense. (f) | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | | |
| 1 | 73.0 | 28.932 | -.125 | 28.807 | 29.75 | 38.8 | 38.8 | 39 | 100 | .237 | 49.6 | 35.0 | N | 6 | | | .28 | 10 | Nb | N | Lt Rain | | | HFC | 1 |
| 2 | 68.0 | 29.076 | -.112 | 28.964 | 29.91 | 37.0 | 36.0 | 35 | 91 | .203 | 39.1 | 33.0 | NW | 16 | | | 0 | 2 | St | NW | Clear | | | HFC | 2 |
| 3 | 70.0 | 29.452 | -.119 | 29.333 | 30.28 | 42.5 | 41.0 | 40 | 88 | .247 | 45.8 | 27.0 | SW | 6 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 3 |
| 4 | 71.0 | 29.342 | -.121 | 29.221 | 30.15 | 62.6 | 57.6 | 55 | 74 | .432 | 67.3 | 39.0 | S | 10 | 25 | SW | 0 | 2 | St | S | Clear | | | HFC | 4 |
| 5 | 74.0 | 29.126 | -.129 | 28.997 | 29.92 | 65.8 | 61.0 | 58 | 77 | .482 | 71.7 | 54.0 | SW | 16 | 31 | SW | 0 | 0 | 0 | 0 | Clear | | | HFC | 5 |
| 6 | 71.0 | 28.920 | -.120 | 28.800 | 29.71 | 66.5 | 61.0 | 58 | 73 | .482 | 73.1 | 57.0 | S | 26 | 38 | S | 0 | 10 | St | S | Cloudy | | | HFC | 6 |
| 7 | 67.5 | 29.486 | -.113 | 29.373 | 30.32 | 36.0 | 34.0 | 31 | 82 | .172 | 40.2 | 36.0 | NW | 12 | 34 | NW | T | 1 | St | NW | Clear | | | HFC | 7 |
| 8 | 70.0 | 29.390 | -.119 | 29.271 | 30.21 | 51.2 | 48.2 | 45 | 81 | .298 | 56.1 | 36.0 | SW | 8 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 8 |
| 9 | 72.0 | 29.077 | -.123 | 28.954 | 29.88 | 61.0 | 53.3 | 47 | 60 | .322 | 67.4 | 44.0 | SW | 14 | 38 | SW | 0 | 9 | St | SW | Cloudy | | | HFC | 9 |
| 10 | 74.0 | 29.202 | -.129 | 29.073 | 30.00 | 58.8 | 51.3 | 45 | 60 | .298 | 62.4 | 42.0 | SW | 4 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 10 |
| 11 | 75.5 | 29.127 | -.133 | 28.994 | 29.92 | 66.4 | 58.9 | 54 | 64 | .417 | 72.0 | 48.0 | SW | 4 | | | 0 | 1 | Cu St | SW | Clear | | | HFC | 11 |
| 12 | 74.0 | 29.056 | -.128 | 28.928 | 29.85 | 59.6 | 59.6 | 60 | 100 | .517 | 78.3 | 58.0 | SW | 16 | 26 | W | .25 | 10 | Nb | SW | Lt Rain | | | HFC | 12 |
| 13 | 69.0 | 29.033 | -.115 | 28.918 | 29.85 | 46.2 | 45.7 | 45 | 96 | .298 | 50.4 | 44.0 | NE | 18 | | | T | 10 | St | NE | Cloudy | | | HFC | 13 |
| 14 | 70.0 | 28.960 | -.118 | 28.842 | 29.74 | 68.0 | 64.0 | 62 | 81 | .555 | 74.4 | 57.2 | S | 10 | 34 | S | .03 | 0 | 0 | 0 | Clear | | | BAS | 14 |
| 15 | 73.0 | 29.124 | -.125 | 28.999 | 29.92 | 63.0 | 59.0 | 56 | 79 | .448 | 77.0 | 57.2 | W | 10 | 37 | SW | 0 | Few | A. St | W | Clear | | | BAS | 15 |
| 16 | 61.0 | 29.214 | -.121 | 29.093 | 30.02 | 54.0 | 52.0 | 50 | 88 | .360 | 61.0 | 47.3 | N | 8 | | | 0 | 10 | St | N | Cloudy | | | BAS | 16 |
| 17 | 68.0 | 28.850 | -.112 | 28.738 | 29.68 | 37.5 | 36.7 | 36 | 93 | .211 | 38.0 | 35.0 | NE | 20 | 32 | NE | .34 | 10 | St | NE | Cloudy | | | BAS | 17 |
| 18 | 64.0 | 29.042 | -.102 | 29.940 | 29.89 | 36.0 | 34.5 | 32 | 87 | .180 | 38.0 | 34.6 | W | 13 | 25 | SW | .09 | 10 | St | W | Cloudy | | | BAS | 18 |
| 19 | 69.0 | 29.294 | -.116 | 29.178 | 30.12 | 49.0 | 44.5 | 40 | 71 | .247 | 52.0 | 34.2 | NW | 4 | | | 0 | 10 | St | NW | Cloudy | | | BAS | 19 |
| 20 | 73.0 | 29.220 | -.126 | 29.094 | 30.02 | 56.5 | 50.0 | 44 | 64 | .287 | 59.6 | 41.3 | SE | 3 | | | T | 7 | St | SE | Pt Cloudy | | | BAS | 20 |
| 21 | 73.0 | 28.846 | -.124 | 28.722 | 29.63 | 61.4 | 57.9 | 55 | 81 | .432 | 68.3 | 48.8 | S | 10 | 30 | S | 0 | 10 | St | S | Cloudy | | | HFC | 21 |
| 22 | 68.0 | 29.112 | -.112 | 29.000 | 29.94 | 42.0 | 39.2 | 35 | 79 | .203 | 53.6 | 40.0 | W | 16 | 28 | W | .02 | 10 | St | W | Cloudy | | | HFC | 22 |
| 23 | 72.0 | 29.357 | -.124 | 29.233 | 30.16 | 55.0 | 46.0 | 36 | 49 | .211 | 59.7 | 37.5 | SW | 9 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 23 |
| 24 | 72.5 | 29.476 | -.126 | 29.350 | 30.29 | 53.0 | 44.2 | 34 | 48 | .195 | 59.8 | 51.0 | NW | 4 | 26 | W | T | 0 | 0 | 0 | Clear | | | HFC | 24 |
| 25 | 71.0 | 29.402 | -.122 | 29.280 | 30.22 | 62.5 | 53.0 | 45 | 53 | .298 | 67.2 | 47.5 | SE | 6 | | | 0 | 10 | St | S | Cloudy | | | HFC | 25 |
| 26 | 72.0 | 29.074 | -.123 | 28.951 | 28.87 | 61.2 | 58.2 | 56 | 84 | .448 | 64.0 | 55.0 | SW | 16 | 42 | S | .04 | 0 | 0 | 0 | Clear | | | HFC | 26 |
| 27 | 77.5 | 29.506 | -.139 | 29.367 | 30.31 | 50.7 | 42.2 | 32 | 48 | .180 | 57.8 | 46.0 | NW | 8 | | | 0 | 2 | St | NW | Clear | | | HFC | 27 |
| 28 | 67.0 | 29.050 | -.110 | 28.940 | 29.87 | 44.0 | 41.5 | 39 | 82 | .237 | 46.0 | 41.8 | E | 12 | | | .13 | 10 | St | E | Cloudy | | | BAS | 28 |
| 29 | 68.0 | 29.000 | -.112 | 28.888 | 29.82 | 44.0 | 43.9 | 44 | 99 | .287 | 45.0 | 42.0 | N | 13 | 27 | NE | .25 | 10 | Nb | N | Lt Rain | | | BAS | 29 |
| 30 | 70.0 | 29.274 | -.119 | 29.155 | 30.09 | 54.0 | 48.0 | 42 | 65 | .266 | 60.0 | 42.0 | E | 6 | | | 0 | Few | St | E | Clear | | | BAS | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| Sums | | (a) | (a) | 872.403 | 899.34 | 1584.2 | 1461.2 | 1350 | 2297 | 9.450 | (a) | (a) | (a) | 384 | (a) | (a) | 1.43 | 154 | (a) | (a) | (a) | C | C | (a) | (a) |
| Means | | (a) | (a) | 29.080 | 29.978 | 52.8 | 48.7 | 45.0 | 76.6 | .315 | (a) | (a) | (c) SW | 10.8 | (a) | (a) | (a) | 5.1 | (c) St | (c) SW | (a) | (a) | (a) | (a) | (a) |

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1912

| Date. | Temperature. Maximum. (b) | Minimum. (b) | Range. (b) | Change. (b) | Mean. (Max. and Min.) (b) | Normal. | Departure. | Total excess or deficiency since 1st of month. | Precipitation. Character.‡ | Beginning. | Ending. | Character.‡ | Beginning. | Ending. | Character.‡ | Beginning. | Ending. | Character.‡ | Beginning. | Ending. | Character.‡ | Beginning. | Ending. | Total (Mid. to mid.). (b) †† | Normal. | Departure. | Total excess or deficiency since 1st of month. | Hail and sleet unmelted. ✗p.m. to ✗p.m. * ‡‡ | Snow unmelted. ✗p.m. to ✗p.m. * ‡‡ | Hail, sleet, and snow on ground at ✗p.m. * ‡‡ | Amount of precipitation from melted snow (mid. to mid.). | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | | | | | | | | | | | | | | | | | | | In. | | | | In. | In. | In. | In. | |
| Monday 1 | 50 | 34 | 16 | 12 | 42 | | | | | | | | | | | | | | | | | | | .33 | | | | 0 | 0 | 0 | 0 | 1 |
| 2 | 39 | 28 | 11 | 8 | 34 | | | | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 2 |
| 3 | 46 | 25 | 21 | 2 | 36 | | | | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 3 |
| 4 | 67 | 36 | 31 | 16 | 52 | | | | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 4 |
| 5 | 72 | 52 | 20 | 10 | 62 | | | | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 5 |
| 6 | 73 | 50 | 23 | 0 | 62 | | | | | | | | | | | | | | | | | | | .26 | | | | 0 | 0 | 0 | 0 | 6 |
| 7 | 51 | 33 | 18 | 20 | 42 | | | | | | | | | | | | | | | | | | | .03 | | | | 0 | T | 0 | T | 7 |
| 8 | 56 | 32 | 24 | 2 | 44 | | | | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 8 |
| 9 | 67 | 41 | 26 | 10 | 54 | | | | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 9 |
| 10 | 62 | 40 | 22 | 3 | 51 | | | | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 10 |
| 11 | 72 | 45 | 27 | 7 | 58 | | | | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 11 |
| 12 | 78 | 45 | 33 | 4 | 62 | | | | | | | | | | | | | | | | | | | .37 | | | | 0 | 0 | 0 | 0 | 12 |
| 13 | 50 | 42 | 8 | 16 | 46 | | | | | | | | | | | | | | | | | | | T | | | | 0 | 0 | 0 | 0 | 13 |
| 14 | 74 | 43 | 31 | 12 | 58 | | | | | | | | | | | | | | | | | | | .03 | | | | T | 0 | 0 | 0 | 14 |
| 15 | 77 | 52 | 25 | 6 | 64 | | | | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 15 |
| 16 | 61 | 44 | 17 | 12 | 52 | | | | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 16 |
| 17 | 47 | 35 | 12 | 11 | 41 | | | | | | | | | | | | | | | | | | | .36 | | | | 0 | 0 T+ | 0 | .04 T+ | 17 |
| 18 | 41 | 32 | 9 | 5 | 36 | | | | | | | | | | | | | | | | | | | .10 | | | | 0 | T+ | 0+ | .04+ | 18 |
| 19 | 52 | 30 | 22 | 5 | 41 | | | | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 19 |
| 20 | 60 | 40 | 20 | 9 | 50 | | | | | | | | | | | | | | | | | | | T | | | | 0 | 0 | 0 | 0 | 20 |
| 21 | 68 | 41 | 27 | 4 | 54 | | | | | | | | | | | | | | | | | | | .37 | | | | 0 | 0 | 0 | 0 | 21 |
| 22 | 60 | 38 | 22 | 5 | 49 | | | | | | | | | | | | | | | | | | | .12 | | | | 0 | 0 | 0 | 0 | 22 |
| 23 | 60 | 33 | 27 | 3 | 46 | | | | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 23 |
| 24 | 60 | 47 | 13 | 8 | 54 | | | | | | | | | | | | | | | | | | | T | | | | 0 | 0 | 0 | 0 | 24 |
| 25 | 67 | 39 | 28 | 1 | 53 | | | | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 25 |
| 26 | 64 | 55 | 9 | 7 | 60 | | | | | | | | | | | | | | | | | | | .09 | | | | 0 | 0 | 0 | 0 | 26 |
| 27 | 58 | 42 | 16 | 10 | 50 | | | | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 27 |
| 28 | 46 | 38 | 8 | 8 | 42 | | | | | | | | | | | | | | | | | | | .13 | | | | 0 | 0 | 0 | 0 | 28 |
| 29 | 45 | 42 | 3 | 2 | 44 | | | | | | | | | | | | | | | | | | | .31 | | | | 0 | 0 | 0 | 0 | 29 |
| 30 | 60 | 40 | 20 | 6 | 50 | | | | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| S | 1783 | 1194 | 589 | 224 | 1489 | | Total excess or deficiency since January 1, | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | 2.44 | | Total excess or deficiency since January 1, | | T | T | (a) | (a) | (a) |
| M | 59.4 | 39.8 | 19.6 | 7.5 | 49.6 | (a) | | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | | | (a) | (a) | (a) | (a) | (a) |

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, $S^d$—dry snow, $S^m$—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

+ melted as it fell



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# SUMMARY FOR THE MONTH OF April, 1912

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

## PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

| STATION. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. | REDUCED. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.084 | 29.080 | 29.082 | 29.498 | 25" | 28.673 | 22" | 0.825 | 30.018 | 29.978 | 29.998 | 30.44 | 25 | 29.58 | 22" | 0.86 |
| Corrected mean | | 29.077 | | | | | | Corrected mean | | 29.993 | 3,500-ft. | | | 10,000-ft. | |

## TEMPERATURE.

| Mean. Dry. 8 a. m. | 8 p. m. | (8+8)÷2 (g) | Wet. 8 a. m. | 8 p. m. | Monthly. (g) | Max. | Min. | Monthly. (g) | Sea-level. (g) | 3,500-ft. (g) | 10,000-ft. (g) | Highest. (i) | Date. (i) | Lowest. (i) | Date. (i) | Absolute range. | Greatest daily range. (i) | Date. (i) | Least daily range. (i) | Date. (i) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 44.3 | 52.8 | 48.6 | 41.5 | 48.7 | 45.1 | 59.4 | 39.8 | 49.6 | — | — | — | 78 | 12 | 25 | 3 | 53 | 33 | 12 | 3 | 29 |

| Dew-point. 8 a. m. | 8 p. m. | Monthly. (g) | Relative Humidity. 8 a. m. | 8 p. m. | Monthly. (g) | Vapor Pressure. 8 a. m. | 8 p. m. | Monthly. (g) | Number of days with—(j) Maximum. 32° or below. | 90° or above. | Minimum. 32° or below. | Zero or below. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38.3 | 45.0 | 41.6 | 79.5 | 76.6 | 78.0 | .241 | .315 | .283 78 | 0 | 0 | 5 | 0 |

## WIND.

| Total movement (mid. to mid.). | Average hourly velocity. | Prevailing direction. (p) | Maximum velocity. (r) | Direction. (r) | Date. (r) | Number of times wind observed from the— N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9,139 | 12.7 | SW | 42 | S | 26" | 4 | 7 | 5 | 5 | 9 | 15 | 7 | 8 | 0 |

## WEATHER.

| Mean Cloudiness. 8 a. m. | 8 p. m. | Monthly. (t) | Sunshine. Percentage of possible. | Number of Days. Clear. | Partly cloudy. | Cloudy. | Number of Days with Precipitation (Mid. to Mid.). Clear. (u) | Partly cloudy. (u) | Cloudy. (u) |
|---|---|---|---|---|---|---|---|---|---|
| 5.5 | 5.1 | 4.7 | 56 | 13 | 8 | 9 | 0 | 5 | 7 |

## MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

| Frosts. Light. | Heavy. | Killing. | Thunderstorms. (v) | Winds. (40 miles or over.) | Solar Halos. | Lunar Halos. | Fog. Light. | Dense. | Haze. Light. | Dense. | Smoke. Light. | Dense. | Hail. | Aurora. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| — | 25 | ~~19~~ 23, 19 | 12-14-21-22-28 | 26" | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |

## PRECIPITATION (in inches and hundredths). (m)

| Total amount. | Greatest amount in 24 consecutive hours. Am't. | Date. (k) | Excessive. 2.50 inches in 24 hours. (l) * Am't. | Duration. h. m. | Date. (k) | 1 inch per hour. (l) Am't. | Duration. h. m. | Date. (k) | Number of days with—(Mid. to Mid.). Trace. | .01 or more. | .04 or more. | .25 or more. | 1.00 or more. | Total. | Snow. Trace or more. | .01 or more melted. | Snow. Total depth. (o) | Average depth at end of month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.44 | 0.49 | 21-22 | — | 0 | — | — | 0 | — | 3 | 12 | 10 | 5 | 0 | 15 | ~~1~~ 2 | ~~0~~ 1 | T | 0 |

(w) Maximum precipitation in 5 minutes .13, date 21; 10 minutes .14, date 21"; 15 minutes .15, date 21";
30 minutes .16, date 21"; 1 hour .23, date 17"; 2 hours .32, date 21"

## EXCESSIVE.

| Date. | Total Duration. From— | To— | Total am't of precipitation. | Excessive Rate. Began— | Ended— | Am't before excessive began. | Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| None. | | | | | | | | | | | | | | | | | | | | |

* The duration is the time precipitation was actually recorded.

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Prepared by W. S. Palmer, L. F., Weather Bureau.

(8)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, I. T., for the Month of April, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

| Date. | Time. 75th Mer. | Time. Local (standard). | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) | Barometer. Reduced to sea-level. | Thermometers. Dry. | Thermometers. Wet. | Dew-point. | Depression of the dew-point. | Relative humidity. | Maximum thermometer. | Wind. Direction. | Wind. Velocity.† | Wind. Max. since last observation. | Wind. Direction. | Precipitation.†† | Clouds. Am't. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | Special Phenomena. | Initials of Observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | Noon | 11.00A | 69.0 | 29.003 | -.115 | 28.888 | 29.84 | 36.8 | 35.3 | 33 | 4 | 87 | 37.0 | NE | 20 | 24 | NE | .02 | 10 | St | NE | Cloudy | --- | W.S.P. | 17 |
| 18 | Noon | 11.00A | 64.0 | 28.880 | -.102 | 28.778 | 29.72 | 37.0 | 36.0 | 35 | 2 | 91 | 37.8 | SW | 16 | 20 | SW | .08 | 10 | Nb | SW | Sprinkling | | W.S.P. | 18 |
| 29 | Noon | 11.00A | 66.0 | 28.844 | -.106 | 28.738 | 29.66 | 45.0 | 43.6 | 42 | 3 | 90 | 45.0 | NE | 30 | 30 | NE | T | 10 | St | NE | Cloudy | | W.S.P. | 29 |

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

# ORIGINAL MONTHLY RECORD

OF

# OBSERVATIONS

AT

Fort Wayne, Ind.

*For the Month of* May, 1912

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20 1911, 7.00 AM.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor. Berry & Calhoun street, room 911-912; first observation taken in present office, 7.00 A m. May 20, 19 1

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1912

Number of Station barometer, 6.56; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 a. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | |
| 1 | 69.0 | 29.296 | -.116 | 29.180 | 30.11 | 47.8 | 45.8 | 44 | 87 | .287 | 54.0 | 43.9 | SE | 9 | | | 0 | 10 | St | SE | Cloudy | | HAC | 1 |
| 2 | 70.0 | 29.272 | -.119 | 29.153 | 30.07 | 59.1 | 56.1 | 54 | 83 | .417 | 65.0 | 55.2 | E | 6 | | | 0 | 0 | 0 | 0 | Clear | | HAC | 2 |
| 3 | 70.0 | 29.329 | -.119 | 29.210 | 30.13 | 54.2 | 53.2 | 52 | 94 | .387 | 68.5 | 53.9 | NE | 10 | | | .13 | 9 | St | NE | Cloudy | | HAC | 3 |
| 4 | 70.0 | 29.192 | -.118 | 29.074 | 29.99 | 51.7 | 46.2 | 41 | 66 | .256 | 65.0 | 48.8 | NE | 8 | | | 0 | 0 | 0 | 0 | Clear | | HAC | 4 |
| 5 | 71.0 | 29.056 | -.120 | 28.936 | 29.86 | 56.3 | 51.8 | 48 | 74 | .334 | 68.5 | 51.2 | NE | 5 | | | 0 | 9 | Ci | W | Cloudy | | HAC | 5 |
| 6 | 73.0 | 29.150 | -.126 | 29.024 | 29.94 | 59.0 | 58.6 | 58 | 98 | .482 | 73.2 | 56.5 | SW | 4 | 30 | SW | .34 | 5 | St Lt Fog | SW | Pt Cloudy | | BAS | 6 |
| 7 | 73.0 | 29.128 | -.126 | 29.002 | 29.92 | 63.0 | 60.0 | 58 | 84 | .482 | 71.0 | 56.7 | SW | 4 | | | 0 | 8 | St | SW | Cloudy | | BAS | 7 |
| 8 | 74.0 | 28.976 | -.128 | 28.848 | 29.76 | 59.0 | 57.0 | 56 | 89 | .448 | 63.0 | 54.6 | W | 9 | | | 0 | 0 | 0 | 0 | Clear | | BAS | 8 |
| 9 | 70.0 | 29.080 | -.118 | 28.962 | 29.89 | 48.5 | 46.5 | 44 | 87 | .287 | 58.2 | 43.4 | W | 8 | | | 0 | 0 | 0 | 0 | Clear | | BAS | 9 |
| 10 | 69.0 | 29.192 | -.116 | 29.076 | 30.01 | 55.0 | 51.3 | 49 | 78 | .347 | 59.0 | 44.4 | SE | 5 | | | 0 | 0 | 0 | 0 | Clear | | BAS | 10 |
| 11 | 71.0 | 28.850 | -.119 | 28.731 | 29.63 | 56.2 | 55.9 | 55 | 98 | .432 | 69.0 | 55.0 | E | 9 | | | .64 | 10 | St | S | Cloudy | | BAS | 11 |
| 12 | 71.0 | 28.743 | -.119 | 28.624 | 29.52 | 60.0 | 59.0 | 58 | 94 | .482 | 68.8 | 58.1 | S | 9 | | | .14 | 10 | St | S | Cloudy | | BAS | 12 |
| 13 | 65.0 | 29.304 | -.105 | 29.199 | 30.14 | 40.0 | 39.4 | 39 | 95 | .237 | 42.0 | 34.5 | W | 13 | | | .35 | 4 | St | W | Pt Cloudy | | BAS | 13 |
| 14 | 65.0 | 29.290 | -.105 | 29.185 | 30.11 | 49.5 | 48.0 | 46 | 90 | .310 | 53.0 | 46.1 | W | 7 | | | T | 10 | St | NW | Cloudy | | BAS | 14 |
| 15 | 66.0 | 29.032 | -.107 | 28.925 | 29.86 | 50.0 | 48.2 | 46 | 88 | .310 | 54.0 | 45.0 | SE | 9 | | | 0 | 6 | St | SE | Pt Cloudy | | BAS | 15 |
| 16 | 65.5 | 28.824 | -.105 | 28.719 | 29.63 | 50.5 | 48.5 | 46 | 87 | .310 | 55.4 | 48.0 | N | 3 | | | .01 | 10 | St | NW | Cloudy | | BAS | 16 |
| 17 | 65.0 | 29.066 | -.104 | 28.962 | 29.89 | 49.0 | 47.5 | 46 | 90 | .310 | 54.8 | 44.5 | W | 15 | | | .25 | 9 | St | NW | Cloudy | | BAS | 17 |
| 18 | 65.5 | 29.378 | -.107 | 29.271 | 30.21 | 54.8 | 51.0 | 48 | 77 | .334 | 59.0 | 47.0 | SW | 12 | | | 0 | 0 | 0 | 0 | Clear | | BAS | 18 |
| 19 | 69.0 | 29.406 | -.117 | 29.289 | 30.22 | 52.0 | 50.0 | 48 | 88 | .334 | 67.5 | 50.0 | NE | 7 | | | 0 | 1 | St | N | Clear | | BAS | 19 |
| 20 | 70.0 | 29.272 | -.119 | 29.153 | 30.07 | 67.2 | 63.2 | 61 | 80 | .536 | 68.0 | 53.3 | SW | 14 | | | 0 | 0 | 0 | 0 | Clear | | HAC | 20 |
| 21 | 73.0 | 29.222 | -.126 | 29.096 | 30.01 | 67.2 | 59.7 | 55 | 65 | .432 | 75.0 | 62.2 | SW | 16 | | | 0 | 8 | St | W | Cloudy | | HAC | 21 |
| 22 | 76.0 | 29.224 | -.134 | 29.090 | 30.00 | 69.5 | 62.5 | 58 | 68 | .482 | 76.0 | 62.9 | S | 10 | | | 0 | 1 | Ci | SW | Clear | | HAC | 22 |
| 23 | 77.0 | 29.164 | -.137 | 29.027 | 29.93 | 72.0 | 65.2 | 61 | 70 | .536 | 78.0 | 64.4 | SW | 16 | | | 0 | 1 | St | SW | Clear | | HAC | 23 |
| 24 | 78.0 | 29.155 | -.139 | 29.016 | 29.92 | 67.1 | 63.6 | 62 | 83 | .555 | 80.0 | 62.3 | W | 11 | 26 | SW | .17 | 10 | St | W | Cloudy | | HAC | 24 |
| 25 | 77.5 | 29.400 | -.139 | 29.261 | 30.19 | 62.0 | 56.6 | 53 | 72 | .402 | 66.0 | 56.1 | N | 5 | | | 0 | 4 | St | W | Pt Cloudy | | HAC | 25 |
| 26 | 77.0 | 29.408 | -.138 | 29.270 | 30.20 | 63.0 | 55.5 | 50 | 62 | .360 | 71.1 | 57.7 | S | 8 | | | 0 | 2 | St | S | Clear | | HAC | 26 |
| 27 | 77.5 | 29.114 | -.137 | 28.977 | 29.89 | 67.2 | 62.2 | 59 | 76 | .499 | 75.0 | 64.1 | SE | 10 | | | 0 | 9 | St | SE | Cloudy | | HAC | 27 |
| 28 | 78.0 | 28.822 | -.137 | 28.685 | 29.58 | 64.2 | 62.7 | 62 | 92 | .555 | 78.7 | 64.0 | SW | 11 | | | .02 | 10 | Nb | W | Ht Rain | | BAS | 28 |
| 29 | 74.5 | 28.932 | -.129 | 28.803 | 29.70 | 61.0 | 59.5 | 59 | 92 | .499 | 69.0 | 56.0 | W | 6 | | | T | 10 | St | W | Cloudy | | BAS | 29 |
| 30 | 71.0 | 29.312 | -.121 | 29.191 | 30.12 | 52.0 | 51.0 | 50 | 94 | .360 | 56.0 | 48.0 | N | 4 | | | 0 | 10 | St | N | Cloudy | | BAS | 30 |
| 31 | 71.0 | 29.378 | -.122 | 29.256 | 30.19 | 59.6 | 57.0 | 55 | 86 | .432 | 66.0 | 52.0 | SW | 5 | | | 0 | 0 | 0 | 0 | Clear | | BAS | 31 |
| Sums | | (a) | (a) | 900.195 | 928.69 | 1787.6 | 1692.7 | 1621 | 2587 | 12.434 | (a) | (a) | (a) | 268 | (a) | (a) | 2.05 | 166 | (a) | (a) | (a) | | (a) | (a) |
| Means | | (a) | (a) | 29.039 | 29.958 | 57.7 | 54.6 | 52.3 | 83.5 | .401 | (a) | (a) | (c) SW | 8.6 | (a) | (a) | (a) | 5.4 | (c) St | (c) W | (a) | | (a) | (a) |

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 p. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | Fog, Mid. to Mid. (local standard time). Light. (f) | Fog, Mid. to Mid. (local standard time). Dense. (f) | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | | |
| 1 | 69.0 | 29.172 | -.116 | 29.056 | 29.99 | 65.0 | 60.0 | 57 | 75 | .465 | 66.0 | 47.8 | S | 4 | | | 0 | 10 | St | S | Cloudy | | | B.G.S. | 1 |
| 2 | 72.0 | 29.236 | -.124 | 29.112 | 30.03 | 68.5 | 59.0 | 52 | 57 | .387 | 72.6 | 59.1 | NE | 11 | | | T | 10 | St | W | Cloudy | | | B.G.S. | 2 |
| 3 | 74.0 | 29.212 | -.129 | 29.083 | 30.00 | 65.0 | 58.0 | 53 | 66 | .402 | 75.6 | 54.2 | NE | 15 | | | 0 | Few | St | NE | Clear | | | B.G.S. | 3 |
| 4 | 73.0 | 29.094 | -.125 | 28.969 | 29.89 | 68.5 | 58.5 | 52 | 55 | .387 | 79.5 | 51.7 | NE | 10 | | | 0 | Few 1 | Ci St | N NE | Clear | | | B.G.S. | 4 |
| 5 | 73.5 | 29.020 | -.127 | 28.893 | 29.80 | 73.2 | 64.7 | 60 | 63 | .517 | 77.8 | 56.3 | S | 4 | | | T | 9 | St | SW | Cloudy | | | H.F.C. | 5 |
| 6 | 75.0 | 29.123 | -.131 | 28.992 | 29.91 | 71.0 | 64.6 | 61 | 71 | .536 | 79.7 | 59.0 | S | 6 | | | 0 | 10 | St | SW | Cloudy | B.D.Na 1-7.20a | | H.F.C. | 6 |
| 7 | 75.5 | 29.000 | -.132 | 28.868 | 29.79 | 61.5 | 60.0 | 60 | 92 | .517 | 79.3 | 59.2 | SE | 3 | 30 | W | .06 | 9 | St | W | Cloudy | | | H.F.C. | 7 |
| 8 | 73.0 | 28.895 | -.125 | 28.770 | 29.68 | 58.2 | 57.2 | 56 | 94 | .448 | 70.4 | 52.3 | SW | 10 | 38 | NW | .10 | 6 | St | SW | Pt Cloudy | | | H.F.C. | 8 |
| 9 | 74.5 | 29.134 | -.130 | 29.004 | 29.93 | 59.0 | 54.6 | 51 | 76 | .373 | 64.8 | 48.5 | NW | 6 | | | 0 | 0 | 0 | 0 | Clear | | | H.F.C. | 9 |
| 10 | 72.0 | 29.030 | -.123 | 28.907 | 29.83 | 69.0 | 61.0 | 56 | 64 | .448 | 74.8 | 55.0 | SE | 6 | | | 0 | 2 | St | S | Clear | | | H.F.C. | 10 |
| 11 | 72.0 | 28.754 | -.122 | 28.632 | 29.54 | 68.8 | 67.3 | 67 | 93 | .661 | 74.1 | 56.2 | SE | 10 | | | .27 | 6 | St | S | Pt Cloudy | | | H.F.C. | 11 |
| 12 | 69.0 | 29.017 | -.115 | 28.902 | 29.83 | 42.0 | 42.0 | 42 | 100 | .266 | 61.3 | 42.0 | NW | 14 | | | .58 | 10 | Nb | NW | Lt Rain | | | H.F.C. | 12 |
| 13 | 68.5 | 29.375 | -.115 | 29.260 | 30.20 | 53.0 | 48.5 | 44 | 73 | .287 | 56.4 | 40.0 | W | 4 | | | 0 | 2 | St | W | Clear | | | H.F.C. | 13 |
| 14 | 69.5 | 29.181 | -.117 | 29.064 | 29.99 | 54.0 | 50.5 | 48 | 79 | .334 | 58.8 | 49.5 | W | 5 | | | 0 | 6 | St | W | Pt Cloudy | | | H.F.C. | 14 |
| 15 | 67.0 | 28.924 | -.110 | 28.814 | 29.72 | 55.4 | 54.9 | 54 | 97 | .417 | 62.8 | 50.0 | SE | 2 | | | .20 | 9 | St | W | Cloudy | | | H.F.C. | 15 |
| 16 | 68.0 | 28.816 | -.112 | 28.704 | 29.61 | 54.8 | 53.3 | 52 | 91 | .387 | 57.9 | 50.5 | NW | 2 | | | .04 | 10 | St | NW | Cloudy | | | H.F.C. | 16 |
| 17 | 69.0 | 29.292 | -.116 | 29.176 | 30.11 | 59.0 | 48.0 | 37 | 43 | .219 | 62.8 | 49.0 | W | 6 | 26 | W | 0 | 0 | 0 | 0 | Clear | | | H.F.C. | 17 |
| 18 | 71.0 | 29.270 | -.120 | 29.150 | 30.07 | 67.5 | 58.5 | 52 | 58 | .387 | 72.2 | 54.8 | SW | 14 | 31 | SW | 0 | 6 | St | SW | Pt Cloudy | | | H.F.C. | 18 |
| 19 | 71.5 | 29.292 | -.122 | 29.170 | 30.09 | 68.0 | 61.5 | 58 | 69 | .482 | 71.0 | 52.0 | E | 6 | | | 0 | 9 | St | E | Cloudy | | | B.G.S. | 19 |
| 20 | 75.0 | 29.212 | -.132 | 29.080 | 29.99 | 75.0 | 64.0 | 58 | 55 | .482 | 82.0 | 67.2 | SW | 10 | 26 | S | 0 | 5 | St | S | Pt Cloudy | | | B.G.S. | 20 |
| 21 | 78.0 | 29.194 | -.139 | 29.055 | 29.97 | 76.0 | 66.0 | 61 | 59 | .536 | 82.8 | 67.2 | S | 9 | | | 0 | 1 | St | S | Clear | | | B.G.S. | 21 |
| 22 | 81.5 | 29.136 | -.149 | 28.987 | 29.89 | 78.0 | 66.0 | 59 | 53 | .499 | 84.0 | 69.5 | S | 12 | 30 | S | 0 | 2 | A St | S | Clear | | | B.G.S. | 22 |
| 23 | 83.5 | 29.074 | -.153 | 28.921 | 29.82 | 80.0 | 70.0 | 65 | 61 | .616 | 86.1 | 72.0 | S | 15 | | | T | 2 | A St | S | Clear | | | B.G.S. | 23 |
| 24 | 80.5 | 29.276 | -.146 | 29.130 | 30.05 | 66.0 | 58.0 | 53 | 62 | .402 | 76.3 | 66.0 | NW | 9 | | | 0 | 1 | St | N | Clear | | | B.G.S. | 24 |
| 25 | 78.5 | 29.336 | -.141 | 29.195 | 30.12 | 71.1 | 60.5 | 54 | 54 | .417 | 77.0 | 62.0 | E | 4 | | | 0 | 8 | St Cu | NW | Cloudy | | | B.G.S. | 25 |
| 26 | 79.0 | 29.256 | -.142 | 29.114 | 30.02 | 75.0 | 63.0 | 56 | 51 | .448 | 81.3 | 63.0 | SE | 6 | | | 0 | 10 | St | S | Cloudy | | | B.G.S. | 26 |
| 27 | 81.0 | 28.892 | -.146 | 28.746 | 29.64 | 78.7 | 68.5 | 64 | 59 | .575 | 85.6 | 66.5 | S | 10 | 25 | SW | T | 9 | St | SW | Cloudy | | | B.G.S. | 27 |
| 28 | 76.0 | 28.752 | -.132 | 28.620 | 29.52 | 69.0 | 65.5 | 64 | 83 | .595 | 70.1 | 64.2 | SW | 8 | | | .07 | 9 | St | SW | Cloudy | | | H.F.C. | 28 |
| 29 | 73.0 | 29.134 | -.126 | 29.008 | 29.93 | 56.0 | 54.1 | 53 | 89 | .402 | 62.3 | 56.0 | N | 8 | | | .03 | 10 | St | N | Cloudy | | | H.F.C. | 29 |
| 30 | 73.0 | 29.318 | -.126 | 29.192 | 30.11 | 66.0 | 61.1 | 58 | 76 | .482 | 71.6 | 52.0 | SE | 3 | | | 0 | 0 | 0 | 0 | Clear | | | H.F.C. | 30 |
| 31 | 77.0 | 29.267 | -.137 | 29.130 | 30.05 | 75.0 | 68.0 | 65 | 70 | .616 | 79.2 | 59.6 | SW | 5 | | | 0 | 1 | St | SW | Clear | | | H.F.C. | 31 |
| Sums | | (a) | (a) | ~~28.990~~ 898.704 | 927.12 | 2047.2 | 1846.8 | 1721 | 2188 | 13.990 | (a) | (a) | (a) | 247 | (a) | (a) | 1.35 | 173 | (a) | (a) | (a) | 1 | 0 | (a) | (a) |
| Means | | (a) | (a) | 28.990 | 29.907 | 66.0 | 59.6 | 55.5 | 70.6 | .451 | (a) | (a) | (c) S | 8.0 | (a) | (a) | (a) | 5.6 | (c) St | (c) S | (a) | (a) | (a) | (a) | (a) |

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1912

| Date. | Temperature: Maximum. (b) | Minimum. (b) | Range. (b) | Change. (b) | Mean. (Max. and Min.) (b) | Normal. | Departure. | Total excess or deficiency since 1st of month. | Precipitation: Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Total (Mid. to mid.). (b) †† | Normal. | Departure. | Total excess or deficiency since 1st of month. | Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡ | Snow unmelted. 7 p.m. to 7 p.m. * ‡‡ | Hail, sleet, and snow on ground at 7 p.m. * ‡‡ | Amount of precipitation from melted snow (mid. to mid.). | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | | | | | | | | | | | | | | | | In. | | | | In. | In. | In. | In. | |
| Wednesday 1 | 66 | 44 | 22 | 5 | 55 | | | | | | | | | | | | | | | | 0 | | | | 0 | | 0 | | 1 |
| 2 | 73 | 55 | 18 | 9 | 64 | | | | | | | | | | | | | | | | T | | | | 0 | | 0 | | 2 |
| 3 | 76 | 54 | 22 | 1 | 65 | | | | | | | | | | | | | | | | .13 | | | | 0 | | 0 | | 3 |
| 4 | 80 | 49 | 31 | 1 | 64 | | | | | | | | | | | | | | | | 0 | | | | 0 | | 0 | | 4 |
| 5 | 78 | 51 | 27 | 0 | 64 | | | | | | | | | | | | | | | | .34 | | | | 0 | | 0 | | 5 |
| 6 | 80 | 56 | 24 | 4 | 68 | | | | | | | | | | | | | | | | 0 | | | | 0 | | 0 | | 6 |
| 7 | 79 | 57 | 22 | 0 | 68 | | | | | | | | | | | | | | | | .06 | | | | 0 | | 0 | | 7 |
| 8 | 70 | 52 | 18 | 7 | 61 | | | | | | | | | | | | | | | | .10 | | | | 0 | | 0 | | 8 |
| 9 | 64 | 43 | 21 | 7 | 54 | | | | | | | | | | | | | | | | 0 | | | | 0 | | 0 | | 9 |
| 10 | 75 | 44 | 31 | 6 | 60 | | | | | | | | | | | | | | | | 0 | | | | 0 | | 0 | | 10 |
| 11 | 74 | 55 | 19 | 4 | 64 | | | | | | | | | | | | | | | | .91 | | | | 0 | | 0 | | 11 |
| 12 | 62 | 37 | 25 | 14 | 50 | | | | | | | | | | | | | | | | .92 | | | | 0 | | 0 | | 12 |
| 13 | 56 | 34 | 22 | 5 | 45 | | | | | | | | | | | | | | | | .15 | | | | 0 | | 0 | | 13 |
| 14 | 59 | 46 | 13 | 7 | 52 | | | | | | | | | | | | | | | | 0 | | | | 0 | | 0 | | 14 |
| 15 | 63 | 45 | 18 | 2 | 54 | | | | | | | | | | | | | | | | .20 | | | | 0 | | 0 | | 15 |
| 16 | 58 | 47 | 11 | 2 | 52 | | | | | | | | | | | | | | | | .05 | | | | 0 | | 0 | | 16 |
| 17 | 63 | 44 | 19 | 2 | 54 | | | | | | | | | | | | | | | | .25 | | | | 0 | | 0 | | 17 |
| 18 | 72 | 47 | 25 | 6 | 60 | | | | | | | | | | | | | | | | 0 | | | | 0 | | 0 | | 18 |
| 19 | 71 | 50 | 21 | 0 | 60 | | | | | | | | | | | | | | | | 0 | | | | 0 | | 0 | | 19 |
| 20 | 82 | 54 | 28 | 8 | 68 | | | | | | | | | | | | | | | | 0 | | | | 0 | | 0 | | 20 |
| 21 | 83 | 62 | 21 | 4 | 72 | | | | | | | | | | | | | | | | 0 | | | | 0 | | 0 | | 21 |
| 22 | 84 | 63 | 21 | 2 | 74 | | | | | | | | | | | | | | | | 0 | | | | 0 | | 0 | | 22 |
| 23 | 86 | 64 | 22 | 1 | 75 | | | | | | | | | | | | | | | | T | | | | 0 | | 0 | | 23 |
| 24 | 76 | 59 | 17 | 7 | 68 | | | | | | | | | | | | | | | | .17 | | | | T | | 0 | | 24 |
| 25 | 77 | 56 | 21 | 2 | 66 | | | | | | | | | | | | | | | | 0 | | | | 0 | | 0 | | 25 |
| 26 | 81 | 58 | 23 | 4 | 70 | | | | | | | | | | | | | | | | 0 | | | | 0 | | 0 | | 26 |
| 27 | 86 | 64 | 22 | 5 | 75 | | | | | | | | | | | | | | | | T | | | | 0 | | 0 | | 27 |
| 28 | 74 | 62 | 12 | 7 | 68 | | | | | | | | | | | | | | | | .09 | | | | 0 | | 0 | | 28 |
| 29 | 82 | ~~48~~ 50 | ~~24~~ 12 | 12 | 56 | | | | | | | | | | | | | | | | .03 | | | | 0 | | 0 | | 29 |
| 30 | 72 | 48 | 24 | 4 | 60 | | | | | | | | | | | | | | | | 0 | | | | 0 | | 0 | | 30 |
| 31 | 79 | 52 | 27 | 0 | 66 | | | | | | | | | | | | | | | | 0 | | | | 0 | | 0 | | 31 |
| S. | 2261 | 1602 | 659 | ~~138~~ 144 | 1932 | | Total excess or deficiency since January 1, | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | .40 | | Total excess or deficiency since January 1, | | T | 0 | (a) | (a) | (a) |
| M. | 72.9 | 51.7 | 21.3 | 4.5 6 | 62.3 | (a) | | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | | | (a) | (a) | (a) | (a) | (a) |

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, $S^d$—dry snow, $S^m$—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.



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# SUMMARY FOR THE MONTH OF MAY, 1912.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

## PRESSURE.

(Correction to reduce to a 24-hour mean −.005)

| STATION. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. |
|---|---|---|---|---|---|---|---|
| 29.039 | 28.990 | 29.014 | 29.289 | 19 | 28.620 | 28 | .669 |
| Corrected mean | | 29.009 | | | | | |

| REDUCED. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. |
|---|---|---|---|---|---|---|---|
| ~~29.958~~ | ~~29.907~~ | 29.932 | 30.22 | 19 | 29.52 | ~~22~~ 28 | 0.70 |
| Corrected mean | | 29.927 | 3,500-ft. | | | 10,000-ft. | |

## TEMPERATURE.

| Mean. Dry. 8 a. m. | 8 p. m. | (8+8)÷2 (g) | Wet. 8 a. m. | 8 p. m. | Monthly. (g) | Max. | Min. | Monthly. (g) | Sea-level. (g) | 3,500-ft. (g) | 10,000-ft. (g) | Highest. (i) | Date. (i) | Lowest. (i) | Date. (i) | Absolute range. | Greatest daily range. (i) | Date. (i) | Least daily range. (i) | Date. (i) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 57.7 | 66.0 | 61.8 | 54.6 | 59.6 | 57.1 | 72.9 | 51.7 | 62.3 | | | | 86 | 23 | 34 | 13 | 52 | 31 | 4 | 11 | 16 |

| Dew-point. 8 a. m. | 8 p. m. | Monthly. (g) | Relative humidity. 8 a. m. | 8 p. m. | Monthly. (g) | Vapor pressure. 8 a. m. | 8 p. m. | Monthly. (g) | Number of days with—(j) Maximum. 32° or below. | 90° or above. | Minimum. 32° or below. | Zero or below. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 52.3 | 55.5 | 53.9 | 83.5 | 70.6 | 77.0 | .401 | .451 | .426 | 0 | 0 | 0 | 0 |

## WIND.

| Total movement (mid. to mid.). | Average hourly velocity. | Prevailing direction. (p) | Maximum velocity. (r) | Direction. (r) | Date. (r) | Number of times wind observed from the— N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7316 ~~6727~~ | 9.8 ~~9.0~~ | SW | 38 | NW | 8 | 4 | 7 | 4 | 10 | 10 | 13 | 10 | 4 | 0 |

## WEATHER.

| Mean Cloudiness. 8 a. m. | 8 p. m. | Monthly. (t) | Sunshine. Percentage of possible. | Number of Days. Clear. | Partly cloudy. | Cloudy. | Number of Days with Precipitation (Mid. to Mid.). Clear. (u) | Partly cloudy. (u) | Cloudy. (u) |
|---|---|---|---|---|---|---|---|---|---|
| 5.4 | 5.6 | 4.1 | 65 | 15 | 9 | 7 | 4 | 3 | 6 |

## MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

| Frosts. Light. | Heavy. | Killing. | Thunderstorms. (v) | Winds. (40 miles or over.) | Solar Halos. | Lunar Halos. | Fog. Light. | Dense. | Haze. Light. | Dense. | Smoke. Light. | Dense. | Hail. | Aurora. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 2-3-5-7-8 11-15-24-27-28 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |

## PRECIPITATION (in inches and hundredths). (m)

| Total amount. | Greatest amount in 24 consecutive hours. Am't. | Date. (k) | Excessive. 2.50 inches in 24 hours. (l) * Am't. | Duration. h. m. | Date. (k) | 1 inch per hour. (l) Am't. | Duration. h. m. | Date. (k) | Number of days with—(Mid. to Mid.). Trace. | .01 or more. | .04 or more. | .25 or more. | 1.00 or more. | Total. | Snow. Trace or more. | .01 or more melted. | Snow. Total depth. (o) | Average depth at end of month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.40 | 0.99 | 11" 12" | — | 0 | — | — | 0 | — | 3 | 13 | 12 | 4 | 0 | 16 | 0 | 0 | 0 | 0 |

(w) Maximum precipitation in 5 minutes .23, date 5"; 10 minutes .31, date 5"; 15 minutes .33, date 5"; 30 minutes .34, date 5"; 1 hour .35, date 11"; 2 hours .54, date 11"

## EXCESSIVE.

| Date. | Total Duration. From— | To— | Total am't of precipitation. | Excessive Rate. Began— | Ended— | Am't before excessive began. | Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5" | 7 35 P. | 8 05 P. | .34 | 7.41 P | 7 ~~5~~ 49 P. | .0 ~~1~~ 2 | .23 | .31 | | | | | | | | | | | | |

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ W. S. Palmer L. F., Weather Bureau.

(9)

*ORIGINAL MONTHLY RECORD OF OBSERVATIONS at* ....., *for the Month of* ....., *191*

*Number of Station barometer,* .....; *sum of corrections,* ..... *inch.*

| Date. | Special observations. | | | | | | | | | | | | | | | | | | | | | | | | | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time. | | Barometer. | | | | | Thermometers. | | | | | | Wind. | | | | | Clouds. | | | | | | | |
| | 75th Mer. | Local (standard). | Attached thermometer. | Observed reading. | Total correction. | Station. (Observed reading plus total cor.) | Reduced to sea-level. | Dry. | Wet. | Dew-point. | Depression of the dew-point. | Relative humidity. | Maximum thermometer. | Direction. | Velocity. † | Max. since last observation. | Direction. | Precipitation. †† | Am't. | Kind. | Dir. from. | State of Weather. | Special Phenomena. | Initials of Observer. | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

# ORIGINAL MONTHLY RECORD

OF

# OBSERVATIONS

AT

Fort Wayne, Ind.

*For the Month of* June, *1912*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ....; No. of wet thermometer in use, ....; No. of maximum thermometer in use, ....; No. of minimum thermometer in use, ....

† Elevation above ground of the dry thermometer, .... feet; rain gage, .... feet; anemometer, .... feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, .... feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20 1911 7.00 a.m.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun streets, room 911-912; first observation taken in present office, 7.00 a.m. May 20, 1911

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 a. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | |
| 1 | 74.0 | 29.268 | -.129 | 29.139 | 30.05 | 66.0 | 62.0 | 60 | 80 | .517 | 75.0 | 58.0 | SW | 6 | | | 0 | Few | A.St. | S | Clear | | B.A.S. | 1 |
| 2 | 77.0 | 29.070 | -.136 | 28.934 | 29.84 | 65.0 | 64.5 | 64 | 97 | .595 | 79.2 | 64.0 | SW | 12 | | | .06 | 10 | Nb | SW | Lt Rain | | B.A.S. | 2 |
| 3 | 71.0 | 29.230 | -.121 | 29.109 | 30.03 | 61.2 | 59.0 | 58 | 88 | .482 | 64.0 | 54.0 | SW | 12 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 3 |
| 4 | 74.5 | 29.228 | -.130 | 29.098 | 30.01 | 60.0 | 58.0 | 57 | 89 | .465 | 75.8 | 57.5 | W | 9 | | | .04 | 9 | St | W | Cloudy | | B.A.S. | 4 |
| 5 | 73.0 | 29.406 | -.127 | 29.279 | 30.21 | 59.5 | 55.0 | 52 | 76 | .387 | 63.5 | 51.2 | S | 2 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 5 |
| 6 | 73.5 | 29.210 | -.128 | 29.082 | 29.99 | 64.5 | 61.5 | 60 | 85 | .517 | 73.5 | 62.8 | W | 12 | | | 0 | 10 | St | N | Cloudy | | B.A.S. | 6 |
| 7 | 72.5 | 29.502 | -.126 | 29.376 | 30.31 | 53.4 | 49.0 | 45 | 73 | .298 | 62.0 | 47.0 | NE | 9 | | | 0 | Few | St | N | Clear | | B.A.S. | 7 |
| 8 | 71.0 | 29.564 | -.122 | 29.442 | 30.38 | 54.0 | 48.5 | 43 | 67 | .277 | 58.6 | 43.0 | NW | 3 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 8 |
| 9 | 71.5 | 29.586 | -.123 | 29.463 | 30.39 | 58.0 | 50.4 | 44 | 59 | .287 | 67.8 | 50.2 | N | 5 | | | 0 | 0 | 0 | 0 | Clear | | H.F.C. | 9 |
| 10 | 72.0 | 29.640 | -.126 | 29.514 | 30.44 | 57.8 | 50.8 | 45 | 62 | .298 | 70.5 | 49.1 | E | 2 | | | 0 | 0 | 0 | 0 | Clear | | H.F.C. | 10 |
| 11 | 73.5 | 29.488 | -.129 | 29.359 | 30.28 | 64.1 | 55.1 | 48 | 56 | .334 | 74.0 | 52.9 | SE | 3 | | | 0 | 0 | 0 | 0 | Clear | | H.F.C. | 11 |
| 12 | 75.0 | 29.232 | -.132 | 29.100 | 30.01 | 65.8 | 59.3 | 55 | 68 | .432 | 77.3 | 63.3 | SW | 10 | | | 0 | 10 | St | SW | Cloudy | | H.F.C. | 12 |
| 13 | 76.0 | 29.206 | -.134 | 29.072 | 29.99 | 58.3 | 55.3 | 53 | 83 | .402 | 75.0 | 56.4 | E | 10 | | | 0 | 2 | A St. | SW | Clear | | H.F.C. | 13 |
| 14 | 74.0 | 28.950 | -.128 | 28.822 | 29.73 | 58.3 | 51.8 | 46 | 64 | .310 | 65.0 | 56.9 | E | 5 | | | 0 | 10 | St | SE | Cloudy | | H.F.C. | 14 |
| 15 | 74.0 | 28.774 | -.127 | 28.647 | 29.55 | 70.5 | 68.0 | 66 | 88 | .638 | 71.0 | 66.6 | SW | 16 | | | .20 | 4 | A St St | SW SW | Pt Cloudy | | H.F.C. | 15 |
| 16 | 77.0 | 28.950 | -.136 | 28.814 | 29.70 | 69.0 | 67.0 | 66 | 90 | .638 | 80.5 | 66.8 | SW | 15 | 28 | NW | 2.37 | 9 | St | S | Cloudy | | B.A.S. | 16 |
| 17 | 76.0 | 29.192 | -.134 | 29.058 | 29.97 | 62.0 | 61.7 | 61 | 98 | .536 | 75.0 | 61.0 | W | 3 | | | .10 | 10 | Nb | W | Lt Rain | | B.A.S. | 17 |
| 18 | 73.0 | 29.272 | -.126 | 29.146 | 30.07 | 57.0 | 54.0 | 52 | 83 | .387 | 65.0 | 55.0 | N | 7 | | | 0 | 8 | A St. | N | Cloudy | | B.A.S. | 18 |
| 19 | 70.0 | 29.182 | -.118 | 29.064 | 29.98 | 59.0 | 57.0 | 56 | 89 | .448 | 60.5 | 56.0 | NW | 4 | | | 0 | 9 | St | N | Cloudy | | B.A.S. | 19 |
| 20 | 67.0 | 29.172 | -.110 | 29.062 | 29.98 | 57.0 | 55.0 | 54 | 88 | .417 | 60.2 | 51.5 | SW | 11 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 20 |
| 21 | 70.0 | 29.270 | -.119 | 29.151 | 30.07 | 60.0 | 58.5 | 58 | 92 | .482 | 71.0 | 59.0 | NW | 10 | | | 0 | 10 | St | N | Cloudy | | B.A.S. | 21 |
| 22 | 71.0 | 29.484 | -.122 | 29.362 | 30.29 | 57.0 | 54.0 | 52 | 83 | .387 | 68.1 | 51.0 | NW | 2 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 22 |
| 23 | 73.0 | 29.482 | -.127 | 29.355 | 30.28 | 62.1 | 58.0 | 55 | 79 | .432 | 73.0 | 55.0 | NE | 2 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 23 |
| 24 | 75.0 | 29.404 | -.133 | 29.271 | 30.19 | 62.0 | 59.0 | 57 | 84 | .465 | 76.2 | 58.0 | NW | 2 | | | 0 | 7 | A St | N | Pt Cloudy | | B.A.S. | 24 |
| 25 | 76.0 | 29.292 | -.134 | 29.158 | 30.07 | 67.8 | 63.0 | 60 | 77 | .517 | 78.5 | 60.0 | S | 1 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 25 |
| 26 | 79.0 | 29.234 | -.142 | 29.092 | 30.00 | 70.0 | 66.0 | 64 | 81 | .595 | 80.2 | 63.0 | SW | 10 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 26 |
| 27 | 80.0 | 29.288 | -.145 | 29.143 | 30.05 | 67.5 | 64.0 | 62 | 83 | .555 | 84.0 | 65.0 | NE | 12 | | | 0 | Few | A. St | E | Clear | | B.A.S. | 27 |
| 28 | 80.5 | 29.330 | -.146 | 29.184 | 30.10 | 72.0 | 69.0 | 68 | 86 | .684 | 72.0 | 64.0 | SW | 2 | | | 0 | 9 | St | W | Cloudy | | B.A.S. | 28 |
| 29 | 81.0 | 29.378 | -.149 | 29.229 | 30.13 | 71.5 | 68.0 | 66 | 84 | .638 | 84.4 | 66.0 | SW | 8 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 29 |
| 30 | 83.0 | 29.326 | -.153 | 29.173 | 30.08 | 71.8 | 68.3 | 67 | 84 | .661 | 83.0 | 66.2 | W | 6 | | | .03 | 2 | Ci | W | Clear | | J.H.C. | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| Sums | | (a) | (a) | 874.698 | 902.17 | 1882.1 | 1770.7 | 1694 | 2416 | 14.081 | (a) | (a) | (a) | 211 | (a) | (a) | 2.80 | 120 | (a) | (a) | (a) | | (a) | (a) |
| Means | | (a) | (a) | 29.157 | 30.072 | 62.7 | 59.0 | 56.5 | 80.5 | .469 | (a) | (a) | (c) SW | 7.0 | (a) | (a) | (a) | 4.0 | (c) St | (c) N | (a) | | (a) | (a) |

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 p. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | Fog, Mid. to Mid. (local standard time). Light. (f) | Fog, Mid. to Mid. (local standard time). Dense. (f) | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | | |
| 1 | 79.0 | 29.118 | -.141 | 28.977 | 29.88 | 79.2 | 70.2 | 66 | 64 | .638 | 82.3 | 66.0 | SW | 5 | | | 0 | 6 | St | SW | Pt Cloudy | | | NFC | 1 |
| 2 | 74.5 | 29.152 | -.130 | 29.022 | 29.94 | 64.0 | 60.0 | 58 | 79 | .482 | 66.1 | 60.3 | SW | 10 | 30 ~~29~~ | SW | .02 | 1 | St | SW | Clear | | | NFC | 2 |
| 3 | 77.5 | 29.150 | -.138 | 29.012 | 29.92 | 75.8 | 71.8 | 70 | 83 | .732 | 80.9 | 61.2 | SW | 6 | | | 0 | 2 | St | SW | Clear | | | NFC | 3 |
| 4 | 76.0 | 29.330 | -.134 | 29.196 | 30.12 | 63.5 | 60.0 | 58 | 82 | .482 | 72.3 | 60.0 | NW | 12 | 29 | W | 0 | 6 | St | W | Pt Cloudy | | | NFC | 4 |
| 5 | 76.0 | 29.240 | -.134 | 29.106 | 30.03 | 73.5 | 66.5 | 63 | 70 | .575 | 78.0 | 59.5 | SE | 5 | | | 0 | 7 | St | SW | Pt Cloudy | | | NFC | 5 |
| 6 | 77.0 | 29.359 | -.137 | 29.222 | 30.14 | 62.0 | 54.0 | 48 | 60 | .334 | 68.2 | 62.0 | NW | 12 | 26 | NW | 0 | 0 | 0 | 0 | Clear | | | NFC | 6 |
| 7 | 75.0 | 29.500 | -.133 | 29.367 | 30.31 | 58.6 | 51.6 | 46 | 63 | .310 | 63.1 | 53.4 | N | 6 | | | 0 | 0 | 0 | 0 | Clear | | | NFC | 7 |
| 8 | 75.0 | 29.481 | -.133 | 29.348 | 30.28 | 67.8 | 60.3 | 56 | 65 | .448 | 71.3 | 54.0 | NW | 6 | | | 0 | 2 | St | NW | Clear | | | NFC | 8 |
| 9 | 75.0 | 29.534 | -.133 | 29.401 | 30.33 | 70.5 | 59.0 | 51 | 50 | .373 | 74.5 | 58.0 | NE | 5 | | | 0 | 2 | St | N | Clear | | | BAS | 9 |
| 10 | 76.0 | 29.464 | -.135 | 29.329 | 30.26 | 74.0 | 59.0 | 48 | 40 | .334 | 79.0 | 57.8 | E | 4 | | | 0 | 0 | 0 | 0 | Clear | | | BAS | 10 |
| 11 | 78.5 | 29.284 | -.141 | 29.143 | 30.05 | 77.3 | 62.0 | 52 | 42 | .387 | 83.0 | 64.1 | SW | 8 | | | 0 | 3 | A.St | W | Clear | | | BAS | 11 |
| 12 | 79.0 | 29.190 | -.142 | 29.048 | 29.96 | 75.0 | 67.0 | 63 | 66 | .575 | 81.5 | 65.8 | NW | 9 | | | T | 1 | St | N | Clear | | | BAS | 12 |
| 13 | 77.0 | 29.060 | -.136 | 28.924 | 29.84 | 65.0 | 56.0 | 49 | 57 | .347 | 74.1 | 58.3 | NE | 16 | | | 0 | 10 | St | E | Cloudy | | | BAS | 13 |
| 14 | 75.0 | 28.814 | -.130 | 28.684 | 29.58 | 71.0 | 66.0 | 63 | 77 | .575 | 80.0 | 58.3 | SE | 6 | | | .01 | 10 | St | S | Cloudy | | | BAS | 14 |
| 15 | 78.0 | 28.800 | -.137 | 28.663 | 29.55 | 80.5 | 71.0 | 66 | 63 | .638 | 85.0 | 70.5 | S | 16 | | | 0 | 10 | St | S | Cloudy | | | BAS | 15 |
| 16 | 78.5 | 29.081 | -.140 | 28.941 | 29.85 | 75.0 | 73.0 | 72 | 91 | .783 | 76.3 | 67.4 | SW | 4 | | | .38 | 10 | St | SW | Cloudy | | | NFC | 16 |
| 17 | 75.0 | 29.206 | -.132 | 29.074 | 29.99 | 65.0 | 62.0 | 60 | 85 | .517 | 72.0 | 62.0 | NW | 12 | | | T | 9 | St | NW | Cloudy | | | NFC | 17 |
| 18 | 72.5 | 29.205 | -.125 | 29.080 | 30.00 | 60.5 | 58.0 | 56 | 86 | .448 | 62.0 | 56.4 | NE | 4 | | | .03 | 5 | St | NW | Pt Cloudy | | | NFC | 18 |
| 19 | 70.0 | 29.149 | -.118 | 29.031 | 29.95 | 60.2 | 57.2 | 55 | 84 | .432 | 70.2 | 59.0 | W | 6 | | | T | 6 | St | W | Pt Cloudy | | | NFC | 19 |
| 20 | 72.0 | 29.145 | -.124 | 29.021 | 29.94 | 71.0 | 65.0 | 62 | 73 | .555 | 75.3 | 57.0 | SW | 5 | | | 0 | 10 | St | SW | Cloudy | | | NFC | 20 |
| 21 | 74.0 | 29.368 | -.129 | 29.239 | 30.16 | 68.1 | 64.6 | 63 | 83 | .575 | 71.4 | 60.0 | N | 4 | | | 0 | 1 | St | N | Clear | | | NFC | 21 |
| 22 | 75.0 | 29.430 | -.133 | 29.297 | 30.23 | 73.0 | 68.0 | 66 | 78 | .638 | 76.3 | 57.0 | NE | 3 | | | 0 | 2 | St | N | Clear | | | NFC | 22 |
| 23 | 77.0 | 29.386 | -.138 | 29.248 | 30.17 | 76.2 | 65.2 | 59 | 55 | .499 | 77.8 | 62.1 | S | 2 | | | 0 | 1 | St | S | Clear | | | NFC | 23 |
| 24 | 79.0 | 29.~~157~~ 312 | -.142 | 29.170 | 30.09 | 78.5 | 65.0 | 58 | 48 | .482 | 82.8 | 62.0 | W | 3 | | | 0 | 0 | 0 | 0 | Clear | | | NFC | 24 |
| 25 | 81.5 | 29.216 | -.149 | 29.067 | 29.98 | 80.2 | 70.2 | 65 | 61 | .616 | 84.8 | 67.8 | SW | 5 | | | 0 | 0 | 0 | 0 | Clear | | | NFC | 25 |
| 26 | 83.5 | 29.196 | -.154 | 29.042 | 29.94 | 84.0 | 71.0 | 65 | 53 | .616 | 89.4 | 70.0 | W | 8 | | | 0 | 8 | St | NW | Cloudy | | | NFC | 26 |
| 27 | 82.0 | 29.269 | -.150 | 29.118 | 30.03 | 72.0 | 67.8 | 66 | 81 | .638 | 85.1 | 67.5 | NE | 6 | | | 0 | 10 | St | N | Cloudy | | | NFC | 27 |
| 28 | 86.5 | 29.318 | -.162 | 29.156 | 30.06 | 84.4 | 74.4 | 70 | 63 | .732 | 88.8 | 72.0 | SW | 3 | | | 0 | 2 | St | W | Clear | | | NFC | 28 |
| 29 | 85.0 | 29.272 | -.158 | 29.114 | 30.02 | 83.0 | 74.0 | 70 | 66 | .732 | 88.0 | 71.5 | SW | 8 | | | 0 | 1 | St | SW | Clear | | | NFC | 29 |
| 30 | 83.0 | 29.328 | -.153 | 29.175 | 30.10 | 68.0 | 65.0 | 63 | 85 | .575 | 82.0 | 68.0 | NE | 11 | | | 0 | 10 | St | NE | Cloudy | | | TAS | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| Sums | (a) | (a) | | 873.215 | 900.70 | 2156.8 | 1934.8 | 1807 | 2053 | 16.068 | (a) | (a) | (a) | 210 | (a) | (a) | .44 | 135 | (a) | (a) | (a) | 0 | 0 | (a) | (a) |
| Means | (a) | (a) | | 29.107 | 30.023 | 71.9 | 64.5 | 60.2 | 68.4 | .536 | (a) | (a) | (c) SW | 7.0 | (a) | (a) | (a) | 4.5 | (c) St | (c) SW | (a) | (a) | (a) | (a) | (a) |

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1912

| Date. | Temperature. Maximum. (b) | Minimum. (b) | Range. (b) | Change. (b) | Mean. (Max. and Min.) (b) | Normal. | Departure. | Total excess or deficiency since 1st of month. | Precipitation. Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Total (Mid. to mid.). (b) †† | Normal. | Departure. | Total excess or deficiency since 1st of month. | Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡ | Snow unmelted. 7 p.m. to 7 p.m. * ‡‡ | Hail, sleet, and snow on ground at 7 p.m. * ‡‡ | Amount of precipitation from melted snow (mid. to mid.). | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | | | | | | | | | | | | | | | | In. | | | | In. | In. | In. | In. | |
| Saturday 1 | 82 | 58 | 24 | 4 | 70 | | | | | | | | | | | | | | | | 0 | | | | | | | | 1 |
| 2 | 72 | 56 | 16 | 6 | 64 | | | | | | | | | | | | | | | | .08 | | | | | | | | 2 |
| 3 | 81 | 54 | 27 | 4 | 68 | | | | | | | | | | | | | | | | 0 | | | | | | | | 3 |
| 4 | 72 | 58 | 18 | 4 | 64 | | | | | | | | | | | | | | | | .04 | | | | | | | | 4 |
| 5 | 78 | 51 | 27 | 0 | 64 | | | | | | | | | | | | | | | | 0 | | | | | | | | 5 |
| 6 | 68 | 52 | 16 | 4 | 60 | | | | | | | | | | | | | | | | 0 | | | | | | | | 6 |
| 7 | 63 | 47 | 16 | 5 | 55 | | | | | | | | | | | | | | | | 0 | | | | | | | | 7 |
| 8 | 71 | 43 | 28 | 2 | 57 | | | | | | | | | | | | | | | | 0 | | | | | | | | 8 |
| 9 | 74 | 50 | 24 | 5 | 62 | | | | | | | | | | | | | | | | 0 | | | | | | | | 9 |
| 10 | 79 | 49 | 30 | 2 | 64 | | | | | | | | | | | | | | | | 0 | | | | | | | | 10 |
| 11 | 83 | 53 | 30 | 4 | 68 | | | | | | | | | | | | | | | | 0 | | | | | | | | 11 |
| 12 | 82 | 63 | 19 | 4 | 72 | | | | | | | | | | | | | | | | T | | | | | | | | 12 |
| 13 | 74 | 56 | 18 | 7 | 65 | | | | | | | | | | | | | | | | 0 | | | | | | | | 13 |
| 14 | 80 | 57 | 23 | 3 | 68 | | | | | | | | | | | | | | | | .21 | | | | | | | | 14 |
| 15 | 85 | 67 | 18 | 8 | 76 | | | | | | | | | | | | | | | | .49 | | | | | | | | 15 |
| 16 | 76 | 67 | 9 | 4 | 72 | | | | | | | | | | | | | | | | 2.26 | | | | | | | | 16 |
| 17 | 72 | 61 | 11 | 6 | 66 | | | | | | | | | | | | | | | | .10 | | | | | | | | 17 |
| 18 | 62 | 55 | 7 | 8 | 58 | | | | | | | | | | | | | | | | .03 | | | | | | | | 18 |
| 19 | 70 | 55 | 15 | 4 | 62 | | | | | | | | | | | | | | | | T | | | | | | | | 19 |
| 20 | 75 | 52 | 23 | 2 | 64 | | | | | | | | | | | | | | | | 0 | | | | | | | | 20 |
| 21 | 71 | 58 | 13 | 0 | 64 | | | | | | | | | | | | | | | | 0 | | | | | | | | 21 |
| 22 | 76 | 51 | 25 | 0 | 64 | | | | | | | | | | | | | | | | 0 | | | | | | | | 22 |
| 23 | 78 | 55 | 23 | 2 | 66 | | | | | | | | | | | | | | | | 0 | | | | | | | | 23 |
| 24 | 83 | 58 | 25 | 4 | 70 | | | | | | | | | | | | | | | | 0 | | | | | | | | 24 |
| 25 | 88 | 68 | 20 | 2 | 72 | | | | | | | | | | | | | | | | 0 | | | | | | | | 25 |
| 26 | 89 | 63 | 26 | 4 | 76 | | | | | | | | | | | | | | | | 0 | | | | | | | | 26 |
| 27 | 85 | 65 | 20 | 1 | 75 | | | | | | | | | | | | | | | | 0 | | | | | | | | 27 |
| 28 | 89 | 64 | 25 | 1 | 76 | | | | | | | | | | | | | | | | 0 | | | | | | | | 28 |
| 29 | 88 | 66 | 22 | 1 | 77 | | | | | | | | | | | | | | | | .02 | | | | | | | | 29 |
| 30 | 82 | 61 | 21 | 5 | 72 | | | | | | | | | | | | | | | | .01 | | | | | | | | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| S. | 2325 | 1702 | 623 | 106 | 2011 | | Total excess or deficiency since January 1, | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | 3.24 | | Total excess or deficiency since January 1, | | 0 | 0 | (a) | (a) | (a) |
| M. | 77.5 | 56.7 | 20.8 | 3.5 | 67.0 | (a) | | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | | | (a) | (a) | (a) | (a) | (a) |

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, $S^d$—dry snow, $S^m$—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.



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# SUMMARY FOR THE MONTH OF June 1912, ~~191~~

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

## PRESSURE.

(Correction to reduce to a 24-hour mean -.094)

| STATION. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. | REDUCED. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.157 | 29.107 | 29.132 | 29.514 | 10" | 28.647 | 15" | 0.867 | 30.072 | 30.023 | 30.048 | 30.44 | 10" | 29.55 | 15" | 0.89 |
| Corrected mean | | 29.128 | | | | | | Corrected mean | | 30.044 | 3,500-ft. | | | 10,000-ft. | |

## TEMPERATURE.

| Mean. Dry. 8 a. m. | 8 p. m. | (8+8)÷2 (g) | Wet. 8 a. m. | 8 p. m. | Monthly. (g) | Max. | Min. | Monthly. (g) | Sea-level. (g) | 3,500-ft. (g) | 10,000-ft. (g) | Highest. (i) | Date. (i) | Lowest. (i) | Date. (i) | Absolute range. | Greatest daily range. (i) | Date. (i) | Least daily range. (i) | Date. (i) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 62.7 | 71.9 | 67.3 | 59.0 | 64.5 | 61.8 | 77.5 | 56.7 | 67.1 | | | | 89 | 26" | 43 | 8" | 46 | 30 | 11 | 7 | 18 |

| Dew-point. 8 a. m. | 8 p. m. | Monthly. (g) | Relative humidity. 8 a. m. | 8 p. m. | Monthly. (g) | Vapor pressure. 8 a. m. | 8 p. m. | Monthly. (g) | Number of days with—(j) Maximum. 32° or below. | 90° or above. | Minimum. 32° or below. | Zero or below. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 56.5 | 60.2 | 58.4 | 80.5 | 68.4 | 74.4 | .469 | .536 | .502 | 0 | 0 | 0 | 0 |

## WIND.

| Total movement (mid. to mid.). | Average hourly velocity. | Prevailing direction. (p) | Maximum velocity. (r) | Direction. (r) | Date. (r) | Number of times wind observed from the— N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5,633 | 7.8 | SW | 30 | SW | 2" | 4 | 9 | 4 | 3 | 4 | 19 | 7 | 10 | 0 |

## WEATHER.

| Mean cloudiness. 8 a. m. | 8 p. m. | Monthly. (t) | Sunshine. Percentage of possible. | Number of days. Clear. | Partly cloudy. | Cloudy. | Number of days with precipitation (mid. to mid.). Clear. (u) | Partly cloudy. (u) | Cloudy. (u) |
|---|---|---|---|---|---|---|---|---|---|
| 4.0 | 4.5 | 3.2 | 73 | 17 | 9 | 4 | 2 | 3 | 4 |

## MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

| Frosts. Light. | Heavy. | Killing. | Thunderstorms. (v) | Winds. (40 miles or over.) | Solar halos. | Lunar halos. | Fog. Light. | Dense. | Haze. Light. | Dense. | Smoke. Light. | Dense. | Hail. | Aurora. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 14.15.16.29.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## PRECIPITATION (in inches and hundredths). (m)

| Total amount. | Greatest amount in 24 consecutive hours. Am't. | Date. (k) | Excessive. 2.50 inches in 24 hours. (l) * Am't. | Duration. h. | m. | Date. (k) | 1 inch per hour. (l) Am't. | Duration. h. | m. | Date. (k) | Number of days with—(mid. to mid.). Trace. | .01 or more. | .04 or more. | .25 or more. | 1.00 or more. | Total. | Snow. Trace or more. | .01 or more melted. | Snow. Total depth. (o) | Average depth at end of month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.24 | 2.75 | 15-16 | 2.75 | 6 | 0 | 27 | 15+16 | — | 0 | — | 2 | 9 | 6 | 2 | 1 | 11 | 0 | 0 | 0 | 0 |

(w) Maximum precipitation in 5 minutes .21, date 16"; 10 minutes .40, date 16"; 15 minutes .44, date 16";
30 minutes .63, date 16"; 1 hour .85, date 16; 2 hours 1.26, date 16"

## EXCESSIVE.

| Date. | Total duration. From— | To— | Total am't of precipitation. | Excessive rate. Began— | Ended— | Am't before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15" | 7.55p | 8.45p | .09 | 8.17p | 8.3~~1~~6p | .10 ~~.09~~ | .05 | .18 | .3~~1~~ | .34 ~~.31~~ | | | | | | | | | | |
| 16" | PNa | 4.40a | 1.88 | 1.43a | 2.11a ~~3.45a~~ | .5~~4~~5 | .0~~6~~7 | .19 | .2~~1~~1 | .36 | .57 | .6~~4~~3 | ~~.66~~ | ~~.67~~ | ~~.69~~ | ~~.82~~ | ~~.85~~ | ~~.94~~ | ~~1.11~~ | ~~1.26~~ |

*The duration is the time precipitation was actually recorded.

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Prepared by _____ W. S. Palmer L.F., Weather Bureau.

(6)

*ORIGINAL MONTHLY RECORD OF OBSERVATIONS at* ....., *for the Month of* ....., *191*

*Number of Station barometer,* .....; *sum of corrections,* ..... *inch.*

| Date. | Time. | | Barometer. | | | | | Thermometers. | | Dew-point. | Depression of the dew-point. | Relative humidity. | Maximum thermometer. | Wind. | | | | Precipitation. †† | Clouds. | | | State of Weather. | Special Phenomena. | Initials of Observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 75th Mer. | Local (standard). | Attached thermometer. | Observed reading. | Total correction. | Station. (Observed reading plus total cor.) | Reduced to sea-level. | Dry. | Wet. | | | | | Direction. | Velocity. † | Max. since last observation. | Direction. | | Am't. | Kind. | Dir. from. | | | | |
| | | | | | | | | | None. | | | | | | | | | | | | | | | | |

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

# ORIGINAL MONTHLY RECORD

OF

# OBSERVATIONS

AT

Fort Wayne, Ind.

*For the Month of* July, *1912*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ....; No. of wet thermometer in use, ....; No. of maximum thermometer in use, ....; No. of minimum thermometer in use, ....

† Elevation above ground of the dry thermometer, .... feet; rain gage, .... feet; anemometer, .... feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, .... feet (higher or lower).

No. of extra barometer 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7.00 a.m.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street; room 911 912; first observation taken in present office, 7.00 a. m. May 20, 1911

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 a. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | |
| 1 | 80.0 | 29.392 | -.146 | 29.246 | 30.18 | 58.8 | 56.3 | 55 | 86 | .432 | 68.0 | 57.2 | NE | 6 | | | 0 | 10 | St | N | Cloudy | | HTC | 1 |
| 2 | 78.5 | 29.426 | -.142 | 29.284 | 30.20 | 69.5 | 67.0 | 66 | 88 | .638 | 75.0 | 62.8 | S | 8 | | | 0 | 1 | St | SW | Clear | | HTC | 2 |
| 3 | 79.0 | 29.410 | -.143 | 29.267 | 30.19 | 71.0 | 69.5 | 69 | 93 | .707 | 71.4 | 66.9 | S | 6 | | | .02 | 6 | St | S | P.Cloudy | | HTC | 3 |
| 4 | 79.0 | 29.298 | -.142 | 29.156 | 30.07 | 71.5 | 69.0 | 68 | 88 | .684 | 76.0 | 68.1 | S | 2 | | | 0 | 5 | St | SW | P.Cloudy | | HTC | 4 |
| 5 | 80.5 | 29.324 | -.146 | 29.178 | 30.09 | 72.0 | 68.8 | 68 | 85 | .684 | 81.4 | 70.2 | S | 4 | | | 0 | 10 | St | SW | Cloudy | | HTC | 5 |
| 6 | 83.5 | 29.385 | -.154 | 29.231 | 30.13 | 74.0 | 72.0 | 71 | 91 | .757 | 82.5 | 73.2 | S | 6 | | | 0 | 10 | St | SW | Cloudy | | HTC | 6 |
| 7 | 80.5 | 29.350 | -.146 | 29.204 | 30.11 | 73.0 | 70.0 | 69 | 86 | .707 | 78.5 | 70.0 | S | 6 | | | 0 | 10 | St | S | Cloudy | | BAS | 7 |
| 8 | 79.0 | 29.334 | -.142 | 29.192 | 30.10 | 72.5 | 70.0 | 68 | 89 | .684 | 77.6 | 69.0 | S | 8 | | | 0 | 8 | St | S | Cloudy | | BAS | 8 |
| 9 | 80.0 | 29.334 | -.145 | 29.189 | 30.10 | 72.0 | 70.5 | 70 | 93 | .732 | 76.5 | 67.6 | SW | 14 | | | 0 | 3 | St | SW | Clear | | BAS | 9 |
| 10 | 78.5 | 29.250 | -.141 | 29.109 | 30.02 | 72.0 | 69.0 | 68 | 86 | .684 | 72.0 | 67.0 | SW | 10 | | | 0 | 3 | A.St | S | Clear | | BAS | 10 |
| 11 | 78.5 | 29.220 | -.141 | 29.079 | 29.99 | 70.8 | 69.0 | 68 | 91 | .684 | 78.4 | 69.0 | NW | 2 | | | 0 | 10 | St | N | Cloudy | | BAS | 11 |
| 12 | 81.0 | 29.247 | -.147 | 29.100 | 30.01 | 72.0 | 67.5 | 65 | 80 | .616 | 81.0 | 64.3 | NE | 2 | | | 0 | 0 | 0 | 0 | Clear | | HTC | 12 |
| 13 | 82.0 | 29.204 | -.150 | 29.054 | 29.95 | 75.5 | 71.5 | 70 | 82 | .732 | 81.0 | 72.3 | SW | 12 | | | 0 | 10 | St | SW | Cloudy | | [illegible] | 13 |
| 14 | 80.0 | 29.330 | -.145 | 29.185 | 30.10 | 70.0 | 68.5 | 68 | 93 | .684 | 72.2 | 68.0 | NE | 1 | | | .06 | 3 | St | E | Clear | | BAS | 14 |
| 15 | 83.5 | 29.272 | -.154 | 29.118 | 30.02 | 77.5 | 75.0 | 74 | 89 | .838 | 85.0 | 73.0 | SW | 9 | | | 0 | 6 | St | S | P.Cloudy | | BAS | 15 |
| 16 | 79.0 | 29.436 | -.143 | 29.293 | 30.22 | 62.5 | 56.0 | 52 | 66 | .387 | 71.0 | 61.0 | NE | 11 | | | T | few | A.St | W | Clear | | BAS | 16 |
| 17 | 79.0 | 29.350 | -.142 | 29.208 | 30.13 | 67.0 | 63.0 | 61 | 80 | .536 | 74.0 | 62.0 | NE | 7 | | | 0 | 8 | St | S | Cloudy | | BAS | 17 |
| 18 | 80.0 | 29.310 | -.145 | 29.165 | 30.08 | 69.0 | 67.0 | 66 | 90 | .638 | 81.0 | 64.0 | N | 4 | | | 0 | 0 | 0 | 0 | Clear | | BAS | 18 |
| 19 | 78.0 | 29.550 | -.141 | 29.409 | 30.34 | 56.5 | 50.5 | 46 | 66 | .310 | 68.0 | 53.0 | NE | 9 | | | 0 | 0 | 0 | 0 | Clear | | BAS | 19 |
| 20 | 74.0 | 29.378 | -.130 | 29.248 | 30.18 | 61.0 | 57.0 | 54 | 79 | .417 | 66.0 | 58.5 | SE | 3 | | | T | 10 | St | SW | Cloudy | | BAS | 20 |
| 21 | 76.0 | 29.092 | -.133 | 28.959 | 29.86 | 70.4 | 69.4 | 69 | 95 | .707 | 75.1 | 66.8 | SW | 1 | | | 1.13 | 10 | St | SW | Cloudy | | HTC | 21 |
| 22 | 76.0 | 29.382 | -.135 | 29.247 | 30.17 | 66.8 | 64.8 | 64 | 90 | .595 | 71.8 | 61.3 | N | 1 | | | 0 | 1 | Ci | N | Clear | | HTC | 22 |
| 23 | 77.0 | 29.370 | -.137 | 29.233 | 30.15 | 67.4 | 61.9 | 58 | 73 | .482 | 77.0 | 62.7 | S | 3 | | | 0 | 9 | A.St | S | Cloudy | | HTC | 23 |
| 24 | 79.0 | 29.018 | -.141 | 28.877 | 29.77 | 78.2 | 74.2 | 72 | 83 | .783 | 78.2 | 74.1 | SW | 14 | | | .07 | 7 | St Cu. | SW | P.Cloudy | | HTC | 24 |
| 25 | 82.0 | 29.072 | -.149 | 28.923 | 29.82 | 72.0 | 69.5 | 68 | 89 | .684 | 82.0 | 69.1 | NW | 8 | | | 0 | 1 | Ci St | W NW | Clear | | HTC | 25 |
| 26 | 80.5 | 29.208 | -.146 | 29.062 | 29.97 | 63.2 | 58.2 | 55 | 74 | .432 | 72.0 | 58.9 | N | 12 | | | 0 | 1 | St | NW | Clear | | HTC | 26 |
| 27 | 77.5 | 29.308 | -.138 | 29.170 | 30.09 | 63.5 | 59.5 | 57 | 79 | .465 | 70.0 | 58.1 | NE | 5 | | | 0 | 0 | 0 | 0 | Clear | | HTC | 27 |
| 28 | 78.0 | 29.238 | -.139 | 29.099 | 30.01 | 68.1 | 65.0 | 63 | 85 | .575 | 77.0 | 67.0 | SW | 6 | | | T | 10 | St | S | Cloudy | | BAS | 28 |
| 29 | 77.0 | 29.030 | -.136 | 28.894 | 28.80 | 67.0 | 64.0 | 62 | 85 | .575 | 77.0 | 66.0 | NW | 12 | | | T | 7 | St | N | Cloudy | | BAS | 29 |
| 30 | 76.0 | 29.108 | -.133 | 28.975 | 29.90 | 60.5 | 57.0 | 54 | 81 | .417 | 72.5 | 56.7 | SW | 4 | | | 0 | 0 | 0 | 0 | Clear | | BAS | 30 |
| 31 | 76.0 | 29.094 | -.133 | 28.961 | 29.88 | 60.0 | 58.0 | 57 | 89 | .465 | 70.0 | 58.5 | N | 8 | | | .08 | 10 | St | N | Cloudy | | BAS | 31 |
| Sums | | (a) | (a) | 903.315 | 931.63 | 2125 | 2028.6 | 1975 | 2624 | 18.711 | (a) | (a) | (a) | 204 | (a) | (a) | 1.36 | 172 | (a) | (a) | (a) | | (a) | (a) |
| Means | | (a) | (a) | 29.139 | 30.052 | 68.6 | 65.4 | 63.7 | 84.6 | .604 | (a) | (a) | (c) S-SW | 6.6 | (a) | (a) | (a) | 5.5 | (c) St | (c) SW | (a) | | (a) | (a) |

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 p. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | Fog, Mid. to Mid. (local standard time). Light. (f) | Fog, Mid. to Mid. (local standard time). Dense. (f) | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | | |
| 1 | 80.0 | 29.344 | -.145 | 29.199 | 30.12 | 75.0 | 71.0 | 69 | 82 | .707 | 79.5 | 58.8 | SE | 15 | | | 0 | 10 | St | S | Cloudy | | | BAS | 1 |
| 2 | 80.0 | 29.408 | -.146 | 29.262 | 30.18 | 70.0 | 69.0 | 69 | 95 | .707 | 84.5 | 69.0 | SW | 3 | | | .88 | 10 | St | W | Cloudy | | | BAS | 2 |
| 3 | 81.5 | 29.280 | -.149 | 29.131 | 30.04 | 76.0 | 73.0 | 72 | 87 | .783 | 81.5 | 71.0 | S | 12 | | | 0 | 4 | aSt | S | PtCloudy | | | BAS | 3 |
| 4 | 82.0 | 29.256 | -.150 | 29.106 | 30.02 | 81.4 | 79.4 | 78 | 92 | .954 | 85.7 | 71.5 | SW | 5 | | | 0 | 10 | St | W | Cloudy | | | BAS | 4 |
| 5 | 83.0 | 29.294 | -.154 | 29.140 | 30.05 | 82.5 | 78.0 | 76 | 82 | .896 | 87.0 | 72.0 | E | 3 | | | T | 8 | St | SW | Cloudy | | | BAS | 5 |
| 6 | 83.5 | 29.332 | -.154 | 29.178 | 30.09 | 78.5 | 76.0 | 76 | 89 | .896 | 87.3 | 74.0 | SE | 6 | | | T | 10 | St | S | Cloudy | | | BAS | 6 |
| 7 | 82.0 | 29.278 | -.150 | 29.128 | 30.04 | 77.6 | 74.6 | 74 | 87 | .838 | 80.2 | 72.0 | S | 10 | | | .01 | 5 | St | SW | PtCloudy | | | HTC | 7 |
| 8 | 82.0 | 29.270 | -.150 | 29.120 | 30.03 | 76.5 | 72.0 | 70 | 80 | .732 | 84.2 | 72.0 | S | 5 | 25 | S | .19 | 6 | St | SW | PtCloudy | | | HTC | 8 |
| 9 | 80.0 | 29.272 | -.145 | 29.127 | 30.04 | 70.8 | 68.3 | 67 | 88 | .661 | 88.0 | 70.8 | SW | 12 | | | .04 | 10 | St | SW | Cloudy | | | HTC | 9 |
| 10 | 80.0 | 29.184 | -.145 | 29.039 | 29.94 | 78.4 | 74.9 | 73 | 85 | .810 | 80.9 | 69.8 | SW | 4 | | | .05 | 9 | St | W | Cloudy | | | HTC | 10 |
| 11 | 83.5 | 29.192 | -.154 | 29.038 | 29.94 | 81.0 | 70.0 | 65 | 58 | .616 | 86.0 | 70.8 | N | 3 | | | 0 | few | St | N | Clear | | | BAS | 11 |
| 12 | 83.5 | 29.180 | -.154 | 29.026 | 29.93 | 81.0 | 72.0 | 68 | 64 | .684 | 86.2 | 72.0 | SW | 10 | | | 0 | 5 | St | SW | PtCloudy | | | HTC | 12 |
| 13 | 81.5 | 29.219 | -.149 | 29.070 | 29.98 | 72.2 | 71.7 | 71 | 98 | .757 | 86.1 | 67.3 | SE | 2 | | | .73 | 10 | Nb | NW | Lt Rain | | | HTC | 13 |
| 14 | 86.5 | 29.263 | -.162 | 29.101 | 30.00 | 85.0 | 75.0 | 71 | 63 | .757 | 88.8 | 70.0 | SW | 4 | | | 0 | 1 | St | SW | Clear | | | HTC | 14 |
| 15 | 82.0 | 29.342 | -.150 | 29.190 | 30.10 | 71.0 | 68.0 | 67 | 86 | .661 | 89.0 | 71.0 | NE | 14 | | | 0 | 10 | St | NE | Cloudy | | | HTC | 15 |
| 16 | 80.0 | 29.328 | -.145 | 29.183 | 30.10 | 74.0 | 64.5 | 59 | 60 | .499 | 76.8 | 62.5 | E | 2 | | | 0 | 2 | St | W | Clear | | | HTC | 16 |
| 17 | 82.0 | 29.300 | -.150 | 29.150 | 30.06 | 81.0 | 70.0 | 65 | 58 | .616 | 84.0 | 67.0 | N | 4 | | | 0 | 9 | St | N | Cloudy | | | HTC | 17 |
| 18 | 81.5 | 29.370 | -.149 | 29.221 | 30.14 | 68.0 | 62.0 | 58 | 72 | .482 | 83.2 | 68.0 | N | 8 | | | 0 | 0 | 0 | 0 | Clear | | | HTC | 18 |
| 19 | 76.0 | 29.446 | -.135 | 29.311 | 30.24 | 66.0 | 54.0 | 44 | 45 | .287 | 70.1 | 56.5 | E | 3 | | | 0 | 10 | St | NW | Cloudy | | | HTC | 19 |
| 20 | 76.0 | 29.176 | -.134 | 29.042 | 29.95 | 75.0 | 67.0 | 63 | 66 | .575 | 78.2 | 61.0 | E | 4 | | | T | 4 | St | NW | PtCloudy | | | HTC | 20 |
| 21 | 78.5 | 29.244 | -.141 | 29.103 | 30.01 | 71.8 | 67.3 | 65 | 80 | .616 | 78.5 | 70.4 | W | 9 | | | T | 3 | aSt | N | Clear | | | BAS | 21 |
| 22 | 79.5 | 29.384 | -.145 | 29.239 | 30.16 | 77.0 | 66.0 | 60 | 56 | .517 | 81.0 | 66.8 | 0 | 0 | | | 0 | 0 | 0 | 0 | Clear | | | BAS | 22 |
| 23 | 79.0 | 29.182 | -.142 | 29.040 | 29.94 | 78.0 | 72.0 | 69 | 75 | .707 | 82.0 | 67.4 | SE | 4 | | | 0 | 7 | St | S | PtCloudy | | | BAS | 23 |
| 24 | 85.0 | 28.982 | -.157 | 28.825 | 29.71 | 82.0 | 74.5 | 72 | 70 | .783 | 89.7 | 78.2 | W | 15 | | | 0 | 3 | CiCu | NW | Clear | | | BAS | 24 |
| 25 | 83.5 | 29.100 | -.153 | 28.947 | 29.86 | 72.0 | 64.5 | 60 | 67 | .517 | 84.0 | 72.0 | NW | 18 | | | 0 | few | aSt | NW | Clear | | | BAS | 25 |
| 26 | 79.0 | 29.232 | -.142 | 29.090 | 30.01 | 70.0 | 65.0 | 62 | 77 | .553 | 76.0 | 63.2 | NW | 11 | | | + 0 | aSt 1 / 2 | aSt / StCu | NW / N | Clear | | | BAS | 26 |
| 27 | 80.5 | 29.264 | -.146 | 29.118 | 30.03 | 77.0 | 68.0 | 64 | 63 | .595 | 81.0 | 63.5 | W | 1 | | | 0 | 1 | St | W | Clear | | | BAS | 27 |
| 28 | 80.0 | 29.044 | -.144 | 28.900 | 29.80 | 77.0 | 70.0 | 67 | 71 | .661 | 79.7 | 68.1 | SW | 8 | | | .10 | 9 | St | SW | Cloudy | | | HTC | 28 |
| 29 | 78.5 | 29.060 | -.140 | 28.920 | 29.83 | 72.5 | 62.0 | 56 | 56 | .448 | 79.0 | 66.1 | NW | 10 | | | 0 | 1 | St | NW | Clear | | | HTC | 29 |
| 30 | 77.0 | 29.038 | -.136 | 28.902 | 29.81 | 70.0 | 69.5 | 69 | 98 | .707 | 80.4 | 60.5 | W | 12 | | | .02 | 10 | Nb | W | Lt Rain | | | HTC | 30 |
| 31 | 76.0 | 29.124 | -.133 | 28.991 | 29.91 | 65.2 | 58.2 | 53 | 66 | .402 | 69.1 | 59.1 | NW | 5 | | | 0 | 1 | St | NW | Clear | | | HTC | 31 |
| Sums | (a) | (a) | (a) | 901.837 | 930.06 | 2333.4 | 2147.4 | 2052 | 2316 | 20.429 | (a) | (a) | (a) | 222 | (a) | (a) | 2.02 | 171 | (a) | (a) | (a) | (a) | (a) | (a) | (a) |
| Means | (a) | (a) | (a) | 29.092 | 30.002 | 75.3 | 69.3 | 66.2 | 74.7 | .659 | (a) | (a) | (c) SW | 7.2 | (a) | (a) | (a) | 5.5 | (c) St | (c) NW | (a) | (a) | (a) | (a) | (a) |

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1912

| Date. | Temperature. Maximum. (b) | Minimum. (b) | Range. (b) | Change. (b) | Mean. (Max. and Min.) (b) | Normal. | Departure. | Total excess or deficiency since 1st of month. | Precipitation. Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Total (Mid. to mid.). (b) †† | Normal. | Departure. | Total excess or deficiency since 1st of month. | Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡ | Snow unmelted. 7 p.m. to 7 p.m. * ‡‡ | Hail, sleet, and snow on ground at 7 p.m. * ‡‡ | Amount of precipitation from melted snow (mid. to mid.). | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | | | | | | | | | | | | | | | | In. | | | | In. | In. | In. | In. | |
| 1 | 80 | 57 | 23 | 4 | 68 | | | | | | | | | | | | | | | | 0 | | | | | | | | 1 |
| 2 | 84 | 63 | 21 | 6 | 74 | | | | | | | | | | | | | | | | .90 | | | | | | | | 2 |
| 3 | 82 | 67 | 15 | 0 | 74 | | | | | | | | | | | | | | | | 0 | | | | | | | | 3 |
| 4 | 86 | 68 | 18 | 3 | 77 | | | | | | | | | | | | | | | | 0 | | | | | | | | 4 |
| 5 | 87 | 70 | 17 | 1 | 78 | | | | | | | | | | | | | | | | T | | | | | | | | 5 |
| 6 | 87 | 73 | 14 | 2 | 80 | | | | | | | | | | | | | | | | T | | | | | | | | 6 |
| 7 | 80 | 70 | 10 | 5 | 75 | | | | | | | | | | | | | | | | .01 | | | | | | | | 7 |
| 8 | 84 | 69 | 15 | 1 | 76 | | | | | | | | | | | | | | | | .19 | | | | | | | | 8 |
| 9 | 88 | 68 | 20 | 2 | 78 | | | | | | | | | | | | | | | | .04 | | | | | | | | 9 |
| 10 | 81 | 67 | 14 | 4 | 74 | | | | | | | | | | | | | | | | .05 | | | | | | | | 10 |
| 11 | 86 | 69 | 17 | 4 | 78 | | | | | | | | | | | | | | | | 0 | | | | | | | | 11 |
| 12 | 86 | 64 | 22 | 3 | 75 | | | | | | | | | | | | | | | | 0 | | | | | | | | 12 |
| 13 | 86 | 67 | 19 | 1 | 76 | | | | | | | | | | | | | | | | .79 | | | | | | | | 13 |
| 14 | 89 | 68 | 21 | 2 | 78 | | | | | | | | | | | | | | | | 0 | | | | | | | | 14 |
| 15 | 89 | 67 | 22 | 0 | 78 | | | | | | | | | | | | | | | | T | | | | | | | | 15 |
| 16 | 77 | 61 | 16 | 9 | 69 | | | | | | | | | | | | | | | | 0 | | | | | | | | 16 |
| 17 | 84 | 62 | 22 | 4 | 73 | | | | | | | | | | | | | | | | 0 | | | | | | | | 17 |
| 18 | 83 | 60 | 23 | 1 | 72 | | | | | | | | | | | | | | | | 0 | | | | | | | | 18 |
| 19 | 71 | 53 | 18 | 10 | 62 | | | | | | | | | | | | | | | | 0 | | | | | | | | 19 |
| 20 | 78 | 58 | 20 | 6 | 68 | | | | | | | | | | | | | | | | T | | | | | | | | 20 |
| 21 | 78 | 65 | 13 | 4 | 72 | | | | | | | | | | | | | | | | .13 | | | | | | | | 21 |
| 22 | 81 | 61 | 20 | 1 | 71 | | | | | | | | | | | | | | | | 0 | | | | | | | | 22 |
| 23 | 82 | 63 | 19 | 1 | 72 | | | | | | | | | | | | | | | | .07 | | | | | | | | 23 |
| 24 | 90 | 73 | 17 | 10 | 82 | | | | | | | | | | | | | | | | 0 | | | | | | | | 24 |
| 25 | 84 | 64 | 20 | 8 | 74 | | | | | | | | | | | | | | | | 0 | | | | | | | | 25 |
| 26 | 76 | 59 | 17 | 6 | 68 | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| 27 | 81 | 58 | 23 | 2 | 70 | | | | | | | | | | | | | | | | 0 | | | | | | | | 27 |
| 28 | 80 | 67 | 13 | 4 | 74 | | | | | | | | | | | | | | | | .10 | | | | | | | | 28 |
| 29 | 79 | 63 | 16 | 3 | 71 | | | | | | | | | | | | | | | | 0 | | | | | | | | 29 |
| 30 | 80 | 57 | 23 | 3 | 68 | | | | | | | | | | | | | | | | .10 | | | | | | | | 30 |
| 31 | 69 | 55 | 14 | 6 | 62 | | | | | | | | | | | | | | | | 0 | | | | | | | | 31 |
| S | 2548 | 1986 | 562 | 116 | 2267 | | Total excess or deficiency since January 1, | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | 3.38 | | Total excess or deficiency since January 1, | | 0 | 0 | (a) | (a) | (a) |
| M | 82.2 | 64.1 | 18.1 | 3.7 | 73.1 | (a) | | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | | | (a) | (a) | (a) | (a) | (a) |

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, $S^d$—dry snow, $S^m$—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.



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# SUMMARY FOR THE MONTH OF July 1912, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

## PRESSURE.

(Correction to reduce to a 24-hour mean -.003)

| STATION. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. | REDUCED. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.139 | 29.092 | 29.110 | 29.409 | 19 | 28.825 | 24 | 0.584 | 30.052 | 30.002 | 30.027 | 30.34 | 19 | 29.71 | 24 | 0.63 |
| Corrected mean | | 29.107 | | | | | | Corrected mean | | 30.024 | 3,500-ft. | | | 10,000-ft. | |

## TEMPERATURE.

| MEAN. Dry. 8 a. m. | 8 p. m. | (8+8)÷2 (g) | Wet. 8 a. m. | 8 p. m. | Monthly. (g) | Max. | Min. | Monthly. (g) | Sea-level. (g) | 3,500-ft. (g) | 10,000-ft. (g) | Highest. (i) | Date. (i) | Lowest. (i) | Date. (i) | Absolute range. | Greatest daily range. (i) | Date. (i) | Least daily range. (i) | Date. (i) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68.6 | 75.3 | 72.0 | 65.4 | 69.3 | 67.4 | 82.2 | 64.1 | 73.2 | - | - | - | 90 | 24 | 53 | 19 | 37 | 23 | 30 | 10 | 7 |

| Dew-point. 8 a. m. | 8 p. m. | Monthly. (g) | Relative Humidity. 8 a. m. | 8 p. m. | Monthly. (g) | Vapor Pressure. 8 a. m. | 8 p. m. | Monthly. (g) | Number of days with—(j) Maximum. 32° or below. | 90° or above. | Minimum. 32° or below. | Zero or below. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63.7 | 66.2 | 65.0 | 84.6 | 74.7 | 79.6 | .604 | .659 | .632 | 0 | 0 | 0 | 0 |

## WIND.

| Total movement (mid. to mid.). | Average hourly velocity. | Prevailing direction. (p) | Maximum velocity. (r) | Direction. (r) | Date. (r) | Number of times wind observed from the— N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5374 | 7.2 | SW | 25 | S | 8 | 7 | 8 | 4 | 5 | 11 | 15 | 4 | 7 | 1 |

## WEATHER.

| Mean Cloudiness. 8 a. m. | 8 p. m. | Monthly. (l) | Sunshine. Percentage of possible. | Number of Days. Clear. | Partly cloudy. | Cloudy. | Number of Days with Precipitation (Mid. to Mid.). Clear. (u) | Partly cloudy. (u) | Cloudy. (u) |
|---|---|---|---|---|---|---|---|---|---|
| 5.5 | 5.5 | 4.4 | 65 | 10 | 17 | 4 | 1 | 5 | 4 |

## MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

| Frosts. Light. | Heavy. | Killing. | Thunderstorms. (v) | Winds. (40 miles or over.) | Solar Halos. | Lunar Halos. | Fog. Light. | Dense. | Haze. Light. | Dense. | Smoke. Light. | Dense. | Hail. | Aurora. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 2-6-8-9-10 13-21-23-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## PRECIPITATION (in inches and hundredths). (m)

| Total Amount. | Greatest Amount in 24 Consecutive Hours. Am't. | Date. (k) | Excessive. 2.50 Inches in 24 Hours. (l) * Am't. | Duration. h. m. | Date. (k) | 1 Inch per Hour. (l) Am't. | Duration. h. m. | Date. (k) | Number of days with—(Mid. to Mid.). Trace. | .01 or more. | .04 or more. | .25 or more. | 1.00 or more. | Total. | Snow. Trace or more. | .01 or more melted. | Snow. Total Depth. (o) | Average Depth at End of Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.38 | 1.13 | 21 | — | 0 | — | — | 0 | — | 4 | 10 | 9 | 3 | 1 | 14 | 0 | 0 | 0 | 0 |

(w) Maximum precipitation in 5 minutes .20, date 2"; 10 minutes .27, date 21"; 15 minutes .32, date 21" 2";
30 minutes .56, date 2"; 1 hour .84, date 21"; 2 hours 1.07, date 21"

## EXCESSIVE.

| Date. | Total Duration. From— | To— | Total am't of precipitation. | Excessive Rate. Began— | Ended— | Am't before excessive began. | Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2" | 4.52p | 6.20p | .59 | 4.52p | 5.22p | 0 | .07 | .14 | .21 | .28 | .35 | .42 | | | | | | | | |
| 21" | DNa | DNa | 1.13 | 2.35a | 3.27a | .10 | .08 | .20 | .25 | .29 | .33 | .40 | .44 | .56 | .70 | .78 | | | | |

*The duration is the time precipitation was actually recorded.

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Prepared by _____ W. S. Palmer L. F., Weather Bureau.

(9)

*ORIGINAL MONTHLY RECORD OF OBSERVATIONS at* ....., *for the Month of* ....., *191*

*Number of Station barometer,* .....; *sum of corrections,* ..... *inch.*

| Date. | Special Observations. | | | | | | | | | | | | | | | | | | | | | | | | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time. | | Barometer. | | | | | Thermometers. | | | | | | Wind. | | | | | Clouds. | | | | | | |
| | 75th Mer. | Local (standard). | Attached thermometer. | Observed reading. | Total correction. | Station. (Observed reading plus total cor.) | Reduced to sea-level. | Dry. | Wet. | Dew-point. | Depression of the dew-point. | Relative humidity. | Maximum thermometer. | Direction. | Velocity. † | Max. since last observation. | Direction. | Precipitation. †† | Am't. | Kind. | Dir. from. | State of Weather. | Special Phenomena. | Initials of Observer. | |
| | | | | | | | | None | | | | | | | | | | | | | | | | | |

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

# ORIGINAL MONTHLY RECORD

OF

# OBSERVATIONS

AT

Fort Wayne, Ind.

*For the Month of* August, *1912*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7.00 a.m.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911 912; first observation taken in present office, 7.00 a m. May 20, 1911

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 a. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | |
| 1 | 73.0 | 29.228 | -.126 | 29.102 | 30.02 | 56.0 | 53.0 | 51 | 82 | .373 | 65.2 | 50.6 | N | 4 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 1 |
| 2 | 72.5 | 29.156 | -.125 | 29.031 | 29.95 | 60.0 | 57.0 | 55 | 84 | .432 | 68.5 | 56.5 | NW | 8 | | | 0 | 9 | St | NW | Cloudy | | B.A.S. | 2 |
| 3 | 71.0 | 29.364 | -.121 | 29.243 | 30.17 | 53.0 | 48.0 | 43 | 70 | .277 | 61.5 | 46.7 | N | 7 | | | 0 | 0 | 0 | 0 | Clear | | W.S.P. | 3 |
| 4 | 69.0 | 29.443 | -.117 | 29.326 | 30.26 | 56.0 | 50.8 | 47 | 70 | .322 | 62.0 | 50.0 | N | 10 | | | 0 | 0 | 0 | 0 | Clear | | W.S.P. | 4 |
| 5 | 70.0 | 29.450 | -.119 | 29.331 | 30.26 | 56.8 | 51.6 | 47 | 71 | .322 | 66.0 | 49.5 | NE | 3 | | | 0 | 2 | Ci. St. | W | Clear | | W.S.P. | 5 |
| 6 | 71.0 | 29.389 | -.122 | 29.267 | 30.19 | 64.0 | 56.4 | 51 | 63 | .373 | 69.2 | 59.7 | W | 2 | | | 0 | 2<br>7 | A St.<br>St | NW<br>NW | Cloudy | | W.S.P. | 6 |
| 7 | 72.5 | 29.281 | -.125 | 29.156 | 30.08 | 64.0 | 60.0 | 58 | 79 | .482 | 72.0 | 62.2 | SE | 3 | | | .01 | 10 | Nimbus | S | Lt Rain | | W.S.P. | 7 |
| 8 | 72.0 | 29.163 | -.124 | 29.039 | 29.95 | 67.4 | 67.0 | 67 | 98 | .661 | 68.0 | 64.9 | S | 8 | | | .13 | 10 | St<br>Lt Fog | S<br>S | Cloudy | | W.S.P. | 8 |
| 9 | 73.0 | 29.036 | -.125 | 28.911 | 29.82 | 70.0 | 67.0 | 66 | 86 | .638 | 74.8 | 67.6 | SW | 12 | | | T | 10 | St | SW | Cloudy | | W.S.P. | 9 |
| 10 | 72.0 | 29.020 | -.123 | 28.897 | 29.81 | 63.5 | 61.0 | 60 | 87 | .517 | 67.2 | 61.8 | S | 12 | | | .02 | 4<br>5 | A St<br>St | SW<br>SW | Cloudy | | W.S.P. | 10 |
| 11 | 70.0 | 28.934 | -.118 | 28.816 | 29.72 | 64.0 | 62.7 | 62 | 93 | .555 | 64.5 | 62.6 | SW | 15 | | | .39 | 10 | Nb | SW | Misting | | W.S.P. | 11 |
| 12 | 71.0 | 29.208 | -.121 | 29.087 | 30.00 | 64.7 | 62.7 | 62 | 90 | .555 | 70.0 | 59.8 | SW | 4 | | | 0 | few | A. St. | W | Clear | | W.S.P. | 12 |
| 13 | 75.0 | 29.244 | -.132 | 29.112 | 30.02 | 69.2 | 67.2 | 66 | 90 | .638 | 77.0 | 66.5 | SW | 8 | | | 0 | 10 | St | SW | Cloudy | | H.F.C. | 13 |
| 14 | 75.0 | 29.332 | -.132 | 29.200 | 30.12 | 68.4 | 66.4 | 65 | 90 | .616 | 69.5 | 67.1 | W | 6 | | | .18 | 4 | A St. | W | Pt Cloudy | | H.F.C. | 14 |
| 15 | 77.0 | 29.382 | -.138 | 29.244 | 30.16 | 64.5 | 61.0 | 58 | 82 | .482 | 73.5 | 60.3 | NE | 4 | | | 0 | 1 | Ci | W | Clear | | H.F.C. | 15 |
| 16 | 75.5 | 29.404 | -.134 | 29.270 | 30.20 | 59.5 | 57.0 | 56 | 86 | .448 | 71.0 | 57.2 | NE | 12 | | | 0 | 1 | A. St | N | Clear | | H.F.C. | 16 |
| 17 | 72.5 | 29.367 | -.125 | 29.242 | 30.16 | 58.0 | 56.0 | 55 | 89 | .432 | 68.0 | 55.2 | E | 10 | | | .06 | 9 | St | NW | Cloudy | | H.F.C. | 17 |
| 18 | 75.0 | 29.238 | -.132 | 29.106 | 30.02 | 70.0 | 68.8 | 69 | 94 | .707 | 81.0 | 63.6 | SW | 10 | 40 | NW<br>S | 2.18 | 9 | St | E | Cloudy | | B.A.S. | 18 |
| 19 | 78.5 | 29.152 | -.141 | 29.011 | 29.90 | 75.2 | 72.0 | 71 | 86 | .757 | 80.0 | 73.0 | SW | 8 | | | 0 | 9 | St | W | Cloudy | | B.A.S. | 19 |
| 20 | 78.5 | 29.132 | -.141 | 28.991 | 29.89 | 71.0 | 70.0 | 70 | 95 | .732 | 75.8 | 68.0 | S | 1 | | | .07 | 10 | St | S | Cloudy | | B.A.S. | 20 |
| 21 | 77.5 | 29.070 | -.137 | 28.933 | 29.83 | 68.5 | 67.0 | 66 | 93 | .638 | 77.2 | 65.5 | SW | 6 | | | T | 10 | St | W | Cloudy | | B.A.S. | 21 |
| 22 | 77.0 | 28.894 | -.136 | 28.758 | 29.66 | 65.5 | 63.0 | 62 | 87 | .555 | 71.0 | 63.0 | SW | 8 | | | T | 0 | 0 | 0 | Clear | | B.A.S. | 22 |
| 23 | 73.0 | 29.018 | -.125 | 28.893 | 29.81 | 60.0 | 58.0 | 57 | 89 | .465 | 63.5 | 56.5 | SW | 9 | | | T | 7 | A. St | W | Pt Cloudy | | B.A.S. | 23 |
| 24 | 70.0 | 29.182 | -.118 | 29.064 | 29.98 | 65.0 | 62.0 | 60 | 85 | .517 | 65.7 | 58.0 | S | 12 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 24 |
| 25 | 76.0 | 29.090 | -.133 | 28.957 | 29.86 | 71.8 | 65.5 | 62 | 72 | .555 | 77.5 | 68.5 | S | 10 | | | 0 | 1 | A. St | S | Clear | | B.A.S. | 25 |
| 26 | 79.0 | 29.050 | -.141 | 28.909 | 29.80 | 73.2 | 70.0 | 69 | 85 | .707 | 82.0 | 72.5 | SW | 12 | | | T | 7 | St | S | Pt Cloudy | | B.A.S. | 26 |
| 27 | 79.0 | 29.338 | -.142 | 29.196 | 30.12 | 56.0 | 53.0 | 51 | 82 | .373 | 75.4 | 53.0 | N | 5 | | | 0 | 9 | A. St | N | Cloudy | | B.A.S. | 27 |
| 28 | 76.0 | 29.162 | -.134 | 29.028 | 29.95 | 59.0 | 56.0 | 54 | 83 | .417 | 67.0 | 54.5 | SE | 12 | | | 0 | 10 | St | S | Cloudy | | B.A.S. | 28 |
| 29 | 75.0 | 29.166 | -.132 | 29.034 | 29.94 | 65.0 | 61.0 | 59 | 80 | .499 | 79.0 | 63.0 | NE | 12 | | | 0 | 10 | St | N | Cloudy | | B.A.S. | 29 |
| 30 | 72.0 | 29.278 | -.124 | 29.154 | 30.07 | 57.0 | 55.0 | 54 | 88 | .417 | 65.0 | 54.0 | E | 9 | | | T | 10 | St | E | Cloudy | | B.A.S. | 30 |
| 31 | 74.0 | 29.188 | -.129 | 29.059 | 29.97 | 75.0 | 72.0 | 71 | 87 | .757 | 75.0 | 65.0 | SW | 10 | | | T | 7 | St | W | Pt Cloudy | | B.A.S. | 31 |
| Sums | | (a) | (a) | 901.367 | 929.69 | 1991.2 | 1898.1 | 1844 | 2616 | 16.219 | (a) | (a) | (a) | 252 | (a) | (a) | 3.04 | 193 | (a) | (a) | (a) | | (a) | (a) |
| Means | | (a) | (a) | 29.076 | 29.990 | 64.2 | 61.2 | 59.5 | 84.4 | .523 | (a) | (a) | (c) SW | 8.1 | (a) | (a) | (a) | 6.2 | (c) St | (c) W | (a) | | (a) | (a) |

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.20 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; P. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 p. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | Fog, Mid. to Mid. (local standard time). Light. (f) | Fog, Mid. to Mid. (local standard time). Dense. (f) | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | | |
| 1 | 74.5 | 29.183 | -.130 | 29.053 | 29.97 | 68.5 | 59.0 | 52 | 57 | .387 | 73.1 | 56.0 | SW | 3 | | | 0 | 5 | St | W | Pt Cloudy | | | H.T.C. | 1 |
| 2 | 78.5 | 29.300 | -.141 | 29.159 | 30.08 | 61.5 | 54.0 | 48 | 62 | .334 | 69.8 | 60.0 | NW | 10 | 28 | NW | 0 | 2 | Ci St | SW | Clear | | | H.T.C. | 2 |
| 3 | 70.5 | 29.333 | -.120 | 29.213 | 30.14 | 62.0 | 52.0 | 43 | 50 | .277 | 65.3 | 53.0 | N | 4 | | | 0 | 6 | St Cu. | N | Pt Cloudy | | | H.T.C. | 3 |
| 4 | 72.0 | 29.398 | -.125 | 29.273 | 30.20 | 66.0 | 56.0 | 48 | 53 | .334 | 69.8 | 56.0 | N | 4 | | | 0 | 2 | St | N | Clear | | | H.T.C. | 4 |
| 5 | 71.0 | 29.378 | -.122 | 29.256 | 30.19 | 69.0 | 59.0 | 52 | 55 | .387 | 74.9 | 56.8 | SE | 4 | | | 0 | 10 | St | S | Cloudy | | | H.T.C. | 5 |
| 6 | 74.0 | 29.270 | -.129 | 29.141 | 30.05 | 72.0 | 61.5 | 55 | 55 | .432 | 76.3 | 64.0 | SE | 5 | ~~7~~ | ~~SW~~ | 0 | 1 | St | W | Clear | | | H.T.C. | 6 |
| 7 | 73.0 | 29.186 | -.126 | 29.060 | 29.98 | 68.0 | 66.0 | 65 | 90 | .616 | 75.1 | 63.1 | S | 8 | 2 | SW | .30 | 10 | St | S | Cloudy | | | H.T.C. | 7 |
| 8 | 74.5 | 29.070 | -.129 | 28.941 | 29.85 | 74.8 | 69.8 | 68 | 78 | .684 | 76.2 | 67.4 | SE | 6 | | | .02 | 3 ~~.02~~ | SE ~~3~~ | S ~~St~~ | Clear | BDNa | | H.T.C. | 8 |
| 9 | 75.0 | 28.972 | -.131 | 28.841 | 29.74 | 67.0 | 66.0 | 65 | 95 | .616 | 76.8 | 63.4 | SW | 4 | 27 | SW | .10 | 8 | St | SW | Cloudy | | | H.T.C. | 9 |
| 10 | 72.0 | 28.944 | -.123 | 28.821 | 29.72 | 62.8 | 61.8 | 61 | 95 | .536 | 73.1 | 60.2 | S | 8 | 28 | SW | .56 | 10 | St | SW | Cloudy | | | H.T.C. | 10 |
| 11 | 72.0 | 29.084 | -.123 | 28.961 | 29.88 | 70.0 | 65.5 | 63 | 79 | .575 | 74.2 | 64.0 | W | 4 | | | .01 | 10 | St | W | Cloudy | | | H.T.C. | 11 |
| 12 | 76.0 | 29.174 | -.134 | 29.040 | 29.95 | 77.0 | 71.5 | 69 | 77 | .707 | 84.0 | 64.7 | S | 7 | | | 0 | 10 | St | S | Cloudy | | | B.A.S. | 12 |
| 13 | 76.0 | 29.200 | -.134 | 29.066 | 29.98 | 69.5 | 67.0 | 66 | 88 | .638 | 85.5 | 69.2 | SW | 11 | | | .05 | 10 | St | W | Cloudy | | | B.A.S. | 13 |
| 14 | 78.5 | 29.340 | -.141 | 29.199 | 30.12 | 73.5 | 64.0 | 58 | 60 | .482 | 81.4 | 68.4 | W | 6 | | | 0 | 3 | A St | NW | Clear | | | B.A.S. | 14 |
| 15 | 77.5 | 29.312 | -.138 | 29.174 | 30.09 | 71.0 | 65.0 | 62 | 73 | .555 | 80.5 | 64.5 | NE | 10 | | | 0 | 3 | Ci Cu | N | Clear | | | B.A.S. | 15 |
| 16 | 76.0 | 29.372 | -.134 | 29.238 | 30.16 | 68.0 | 62.0 | 58 | 72 | .482 | 74.0 | 59.5 | NE | 10 | | | 0 | 9 | St | E | Cloudy | | | B.A.S. | 16 |
| 17 | 79.0 | 29.228 | -.142 | 29.086 | 30.00 | 81.0 | 74.0 | 71 | 72 | .757 | 85.7 | 58.0 | SW | 6 | | | 0 | 2 | St | W | Clear | | | B.A.S. | 17 |
| 18 | 80.0 | 29.174 | -.145 | 29.029 | 29.93 | 80.0 | 72.0 | 69 | 68 | .707 | 87.2 | 70.0 | N | 2 | | | .04 | 5 | St Cu. | NW | Pt Cloudy | | | H.T.C. | 18 |
| 19 | 80.5 | 29.168 | -.146 | 29.022 | 29.92 | 75.8 | 69.8 | 67 | 74 | .661 | 80.4 | 75.2 | SW | 4 | | | T | 7 | St | W | Pt Cloudy | | | H.T.C. | 19 |
| 20 | 80.5 | 29.092 | -.145 | 28.947 | 29.85 | 77.2 | 70.2 | 67 | 71 | .661 | 83.7 | 71.0 | NW | 12 | | | T | 3 | St | NW | Clear | | | H.T.C. | 20 |
| 21 | 79.5 | 28.955 | -.142 | 28.813 | 29.71 | 71.0 | 67.0 | 65 | 82 | .616 | 83.1 | 62.7 | SW | 3 | 31 | W | .38 | 1 | St | NW | Clear | | | H.T.C. | 21 |
| 22 | 76.0 | 28.844 | -.132 | 28.712 | 29.61 | 63.5 | 62.0 | 62 | 92 | .555 | 79.8 | 60.8 | W | 5 | 31 | NW | .28 | 7 | St | W | Pt Cloudy | | | H.T.C. | 22 |
| 23 | 74.0 | 29.152 | -.129 | 29.023 | 29.94 | 65.7 | 59.7 | 56 | 71 | .448 | 72.2 | 60.0 | NW | 5 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 23 |
| 24 | 79.0 | 29.104 | -.141 | 28.963 | 29.87 | 77.5 | 70.0 | 66 | 69 | .638 | 84.2 | 65.0 | S | 14 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 24 |
| 25 | 80.0 | 29.028 | -.144 | 28.882 | 29.78 | 82.0 | 75.0 | 72 | 72 | .783 | 88.7 | 71.8 | SW | 6 | | | T | 1 | St | SW | Clear | | | H.T.C. | 25 |
| 26 | 82.0 | 29.108 | -.149 | 28.959 | 29.86 | 75.4 | 67.4 | 63 | 66 | .575 | 87.2 | 73.2 | NW | 14 | | | 0 | 3 | St | NW | Clear | | | H.T.C. | 26 |
| 27 | 80.0 | 29.305 | -.145 | 29.160 | 30.08 | 67.0 | 58.0 | 52 | 58 | .387 | 70.3 | 56.0 | N | 2 | | | 0 | 1 | St | N | Clear | | | H.T.C. | 27 |
| 28 | 76.0 | 28.940 | -.133 | 28.807 | 29.71 | 79.0 | 75.0 | 73 | 83 | .810 | 79.3 | 59.0 | SW | 8 | 26 | N | .26 | 2 | St | SW | Clear | | | H.T.C. | 28 |
| 29 | 74.0 | 29.232 | -.129 | 29.103 | 30.02 | 65.0 | 63.0 | 62 | 90 | .555 | 67.2 | 64.2 | NE | 5 | | | 0 | 10 | St | N | Cloudy | | | [illegible] | 29 |
| 30 | 74.0 | 29.158 | -.129 | 29.029 | 29.95 | 72.0 | 69.0 | 68 | 86 | .684 | 78.8 | 57.0 | E | 8 | | | 0 | 9 | A St | S | Cloudy | | | H.T.C. | 30 |
| 31 | 82.0 | 29.170 | -.150 | 29.020 | 29.91 | 84.0 | 76.0 | 73 | 70 | .810 | 91.3 | 75.0 | SW | 6 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 31 |
| Sums | | (a) | (a) | 899.991 | 928.24 | 2216.7 | 2028.2 | 1919 | 2263 | 17.689 | (a) | (a) | (a) | 204 | (a) | (a) | 2.00 | 153 | (a) | (a) | (a) | 1 | 0 | (a) | (a) |
| Means | | (a) | (a) | 29.032 | 29.943 | 71.5 | 65.4 | 61.9 | 73.0 | .571 | (a) | (a) | (c) SW | 6.6 | (a) | (a) | (a) | 4.9 | (c) St | (c) W | (a) | (a) | (a) | (a) | (a) |

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1912

| Date. | Temperature. Maximum. (b) | Minimum. (b) | Range. (b) | Change. (b) | Mean. (Max. and Min.) (b) | Normal. | Departure. | Total excess or deficiency since 1st of month. | Precipitation. Character.‡ | Beginning. | Ending. | Character.‡ | Beginning. | Ending. | Character.‡ | Beginning. | Ending. | Character.‡ | Beginning. | Ending. | Character.‡ | Beginning. | Ending. | Total (Mid. to mid.). (b) †† | Normal. | Departure. | Total excess or deficiency since 1st of month. | Hail and sleet unmelted. 7 p.m. to 7 p.m.* ‡‡ | Snow unmelted. 7 p.m. to 7 p.m.* ‡‡ | Hail, sleet, and snow on ground at 7 p.m.* ‡‡ | Amount of precipitation from melted snow (mid. to mid.). | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | | | | | | | | | | | | | | | | | | | In. | | | | In. | In. | In. | In. | |
| Thursday 1 | 73 | 51 | 22 | 0 | 62 | | | | | | | | | | | | | | | | | | | 0 | | | | | | | | 1 |
| 2 | 70 | 53 | 17 | 0 | 62 | | | | | | | | | | | | | | | | | | | 0 | | | | | | | | 2 |
| 3 | 65 | 47 | 18 | 6 | 56 | | | | | | | | | | | | | | | | | | | 0 | | | | | | | | 3 |
| 4 | 70 | 50 | 20 | 4 | 60 | | | | | | | | | | | | | | | | | | | 0 | | | | | | | | 4 |
| 5 | 75 | 50 | 25 | 2 | 62 | | | | | | | | | | | | | | | | | | | 0 | | | | | | | | 5 |
| 6 | 76 | 60 | 16 | 6 | 68 | | | | | | | | | | | | | | | | | | | 0 | | | | | | | | 6 |
| 7 | 75 | 62 | 13 | 0 | 68 | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| 8 | 76 | 65 | 11 | 2 | 70 | | | | | | | | | | | | | | | | | | | .14 | | | | | | | | 8 |
| 9 | 77 | 63 | 14 | 0 | 70 | | | | | | | | | | | | | | | | | | | .12 | | | | | | | | 9 |
| 10 | 73 | 60 | 13 | 4 | 66 | | | | | | | | | | | | | | | | | | | .74 | | | | | | | | 10 |
| 11 | 74 | 63 | 11 | 2 | 68 | | | | | | | | | | | | | | | | | | | .22 | | | | | | | | 11 |
| 12 | 84 | 60 | 24 | 4 | 72 | | | | | | | | | | | | | | | | | | | 0 | | | | | | | | 12 |
| 13 | 86 | 66 | 20 | 4 | 76 | | | | | | | | | | | | | | | | | | | .05 | | | | | | | | 13 |
| 14 | 81 | 65 | 16 | 3 | 73 | | | | | | | | | | | | | | | | | | | .18 | | | | | | | | 14 |
| 15 | 80 | 60 | 20 | 3 | 70 | | | | | | | | | | | | | | | | | | | 0 | | | | | | | | 15 |
| 16 | 74 | 57 | 17 | 3 | 67 | | | | | | | | | | | | | | | | | | | 0 | | | | | | | | 16 |
| 17 | 86 | 55 | 31 | 3 | 70 | | | | | | | | | | | | | | | | | | | 1.10 | | | | | | | | 17 |
| 18 | 87 | 64 | 23 | 6 | 76 | | | | | | | | | | | | | | | | | | | 1.18 | | | | | | | | 18 |
| 19 | 80 | 70 | 10 | 1 | 75 | | | | | | | | | | | | | | | | | | | T | | | | | | | | 19 |
| 20 | 84 | 68 | 16 | 1 | 76 | | | | | | | | | | | | | | | | | | | .07 | | | | | | | | 20 |
| 21 | 83 | 63 | 20 | 3 | 73 | | | | | | | | | | | | | | | | | | | .38 | | | | | | | | 21 |
| 22 | 80 | 59 | 21 | 3 | 70 | | | | | | | | | | | | | | | | | | | .28 | | | | | | | | 22 |
| 23 | 72 | 56 | 16 | 6 | 64 | | | | | | | | | | | | | | | | | | | T | | | | | | | | 23 |
| 24 | 84 | 58 | 26 | 7 | 71 | | | | | | | | | | | | | | | | | | | 0 | | | | | | | | 24 |
| 25 | 89 | 68 | 21 | 7 | 78 | | | | | | | | | | | | | | | | | | | T | | | | | | | | 25 |
| 26 | 87 | 61 | 26 | 4 | 74 | | | | | | | | | | | | | | | | | | | 0 | | | | | | | | 26 |
| 27 | 70 | 53 | 17 | 12 | 62 | | | | | | | | | | | | | | | | | | | 0 | | | | | | | | 27 |
| 28 | 79 | 54 | 25 | 4 | 66 | | | | | | | | | | | | | | | | | | | .26 | | | | | | | | 28 |
| 29 | 72 | 61 | 11 | 0 | 66 | | | | | | | | | | | | | | | | | | | 0 | | | | | | | | 29 |
| 30 | 79 | 54 | 25 | 0 | 66 | | | | | | | | | | | | | | | | | | | T | | | | | | | | 30 |
| 31 | 91 | 65 | 26 | 12 | 78 | | | | | | | | | | | | | | | | | | | T | | | | | | | | 31 |
| S | 2432 | 1841 | 591 | 114 | 2134 | | Total excess or deficiency since January 1, | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | 5.04 | | Total excess or deficiency since January 1, | | 0 | 0 | (a) | (a) | (a) |
| M | 78.5 | 59.4 | 19.1 | 3.7 | 68.8 | (a) | | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | | | (a) | (a) | (a) | (a) | (a) |

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, $S^d$—dry snow, $S^m$—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.



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# SUMMARY FOR THE MONTH OF August, 1912

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

## PRESSURE.

(Correction to reduce to a 24-hour mean -0.04

| STATION. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. | REDUCED. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.076 | 29.032 | 29.054 | 29.331 | 5" | 28.712 | 22 | 0.619 | 29.990 | 29.943 | 29.966 | 30.26 | 5" | 29.61 | 22" | 0.65 |
| Corrected mean | | 29.050 | | | | | | Corrected mean | | 29.962 | 3,500-ft. | | | 10,000-ft. | |

## TEMPERATURE.

| MEAN. Dry. 8 a. m. | 8 p. m. | (8+8)÷2 (g) | Wet. 8 a. m. | 8 p. m. | Monthly. (g) | Max. | Min. | Monthly. (g) | Sea-level. (g) | 3,500-ft. (g) | 10,000-ft. (g) | Highest. (i) | Date. (i) | Lowest. (i) | Date. (i) | Absolute range. (i) | Greatest daily range. (i) | Date. (i) | Least daily range. (i) | Date. (i) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64.2 | 71.5 | 67.8 | 61.2 | 65.4 | 63.3 | 78.5 | 59.4 | 69.0 | — | — | — | 91 | 31 | 47 | 3 | 44 | 31 | 17 | 10 | 19 |

| Dew-point. 8 a. m. | 8 p. m. | Monthly. (g) | Relative Humidity. 8 a. m. | 8 p. m. | Monthly. (g) | Vapor Pressure. 8 a. m. | 8 p. m. | Monthly. (g) | Number of days with—(j) Maximum. 32° or below. | 90° or above. | Minimum. 32° or below. | Zero or below. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 59.5 | 61.9 | 60.7 | 84.4 | 73.0 | 78.7 | .523 | .571 | .547 | 0 | 1 | 0 | 0 |

## WIND.

| Total movement (mid. to mid.). | Average hourly velocity. | Prevailing direction. (p) | Maximum velocity. (r) | Direction. (r) | Date. (r) | Number of times wind observed from the— N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5,992 | 8.1 | SW | 40 | NW | 17 | 8 | 7 | 3 | 5 | 9 | 20 | 5 | 5 | 0 |

## WEATHER.

| Mean Cloudiness. 8 a. m. | 8 p. m. | Monthly. (t) | Sunshine. Percentage of possible. | Number of Days. Clear. | Partly cloudy. | Cloudy. | Number of Days with Precipitation (Mid. to Mid.). Clear. (u) | Partly cloudy. (u) | Cloudy. (u) |
|---|---|---|---|---|---|---|---|---|---|
| 6.2 | 4.9 | 4.3 | 60 | 11 | 15 | 5 | 1 | 8 | 4 |

## MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

| Frosts. Light. | Heavy. | Killing. | Thunderstorms. (v) | Winds. (40 miles or over.) | Solar Halos. | Lunar Halos. | Fog. Light. | Dense. | Haze. Light. | Dense. | Smoke. Light. | Dense. | Hail. | Aurora. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 7-10-13-14-17 18-20-21-22 25-28 | 17 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## PRECIPITATION (in inches and hundredths). (m)

| Total amount. | Greatest amount in 24 consecutive hours. Am't. | Date. (k) | Excessive. 2.50 inches in 24 hours. (l) * Am't. | Duration. h. m. | Date. (k) | 1 inch per hour. (l) Am't. | Duration. h. m. | Date. (k) | Number of days with—(Mid. to Mid.). Trace. | .01 or more. | .04 or more. | .25 or more. | 1.00 or more. | Total. | Snow. Trace or more. | .01 or more melted. | Snow. Total depth. (o) | Average depth at end of month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.04 | 2.22 | 17-18" | — | 0 | — | — | 0 | — | 5 | 13 | 13 | 7 | 2 | 18 | 0 | 0 | 0 | 0 |

(w) Maximum precipitation in 5 minutes .31, date 17; 10 minutes .44, date 17; 15 minutes .59, date 18; 30 minutes .67, date 18; 1 hour .81, date 18; 2 hours 1.14, date 17-18"

## EXCESSIVE.

| Date. | Total duration. From— | To— | Total am't of precipitation. | Excessive rate. Began— | Ended— | Am't before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10" | 12.55p | 1.23p | .38 | 12.58p | 1.04p | .01 | .30 | .34 | | | | | | | | | | | | |
| 17" | 8.15p | 8.58p | .45 | 8.38p | 8.55p | .01 | .16 | .24 | .39 | .43 | | | | | | | | | | |
| 17"+18 | 11.15p | DNa | 1.73 | 11.15p | 11.30p | 0 | .19 | .44 | .51 | | | | | | | | | | | |
| | | | | 12.07a | 1.23a | .73 | .17 | .39 | .58 | .61 | | | | | | | | | | |
| 21" | 3.23p | 3.40p | .38 | 3.23p | 3.32p | 0 | .20 | .36 | | | | | | | | | | | | |

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ H. S. Pitmer, L. F., Weather Bureau.

(9)

*ORIGINAL MONTHLY RECORD OF OBSERVATIONS at* ....., *for the Month of* ....., *191*

*Number of Station barometer,* .....; *sum of corrections,* ..... *inch.*

| Date. | SPECIAL OBSERVATIONS. | | | | | | | | | | | | | | | | | | | | | | | | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time. | | Barometer. | | | | | Thermometers. | | | | | | Wind. | | | | | Clouds. | | | | | | |
| | 75th Mer. | Local (standard). | Attached thermometer. | Observed reading. | Total correction. | Station. (Observed reading plus total cor.) | Reduced to sea-level. | Dry. | Wet. | Dew-point. | Depression of the dew-point. | Relative humidity. | Maximum thermometer. | Direction. | Velocity. † | Max. since last observation. | Direction. | Precipitation. †† | Am't. | Kind. | Dir. from. | State of Weather. | Special Phenomena. | Initials of Observer. | |
| | | | | | | | | None. | | | | | | | | | | | | | | | | | |

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

# ORIGINAL MONTHLY RECORD

OF

# OBSERVATIONS

AT

*Fort Wayne, Ind.*

*For the Month of* September, *1912*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7.00 a.m.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 711-712; first observation taken in present office, 7.00 a. m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 a. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | |
| 1 | 80.0 | 29.188 | -.145 | 29.043 | 29.93 | 77.0 | 68.0 | 64 | 63 | .595 | 84.0 | 74.8 | SW | 12 | | | 0 | 2 | St.Cu. | W | Clear | | HAC | 1 |
| 2 | 81.5 | 29.221 | -.149 | 29.072 | 29.97 | 75.5 | 70.0 | 68 | 76 | .684 | 83.0 | 73.9 | SW | 14 | | | 0 | 2 | A.St. | W | Clear | | HAC | 2 |
| 3 | 82.0 | 29.339 | -.150 | 29.189 | 30.10 | 70.0 | 68.0 | 67 | 90 | .661 | 82.0 | 67.9 | N | 8 | | | .01 | 10 | St | N | Cloudy | | HAC | 3 |
| 4 | 82.0 | 29.373 | -.150 | 29.223 | 30.14 | 65.3 | 65.3 | 65 | 100 | .616 | 78.0 | 62.4 | E | 4 | | | 0 | — | D. Fog | E | Foggy | | W.S.P. | 4 |
| 5 | 81.5 | 29.366 | -.149 | 29.217 | 30.13 | 72.0 | 67.0 | 65 | 78 | .616 | 79.0 | 68.8 | S | 3 | | | 0 | 0 | 0 | 0 | Clear | | W.S.P. | 5 |
| 6 | 84.0 | 29.312 | -.156 | 29.156 | 30.06 | 74.2 | 70.2 | 68 | 82 | .684 | 84.0 | 71.6 | SW | 5 | | | 0 | 3 4 | Ci St A St | S S | Pt. Cldy | | W.S.P. | 6 |
| 7 | 86.0 | 29.267 | -.161 | 29.106 | 30.01 | 73.0 | 69.8 | 69 | 85 | .707 | 85.0 | 69.8 | N | 5 | | | T | 2 2 | A St St | W W | Pt. Cldy | | W.S.P. | 7 |
| 8 | 82.0 | 29.223 | -.150 | 29.073 | 29.98 | 63.7 | 62.4 | 62 | 93 | .555 | 73.0 | 60.3 | E | 3 | | | 0 | Few | A St | W | Clear | | W.S.P. | 8 |
| 9 | 82.0 | 29.216 | -.150 | 29.111 | 30.02 | 70.0 | 64.2 | 61 | 73 | .536 | 81.0 | 65.0 | SE | 1 | | | 0 | 0 | 0 | 0 | Clear | | W.S.P. | 9 |
| 10 | 84.0 | 29.345 | -.156 | 29.189 | 30.09 | 73.0 | 66.2 | 62 | 70 | .555 | 83.3 | 67.8 | SE | 4 | | | 0 | 0 | 0 | 0 | Clear. | | W.S.P. | 10 |
| 11 | 85.0 | 29.336 | -.158 | 29.178 | 30.09 | 70.0 | 66.6 | 65 | 84 | .616 | 84.0 | 69.0 | N | 4 | | | 0 | 1 6 | A St St | W NW | Pt. Cldy | | W.S.P. | 11 |
| 12 | 79.5 | 29.429 | -.144 | 29.285 | 30.22 | 56.4 | 52.2 | 49 | 76 | .347 | 68.0 | 52.1 | N | 3 | | | 0 | Few 1 | Ci St A St | NW NW | Clear | | W.S.P. | 12 |
| 13 | 77.0 | 29.224 | -.137 | 29.087 | 30.01 | 57.7 | 54.0 | 51 | 79 | .373 | 68.3 | 53.7 | E | 2 | | | 0 | 1 | A St | SW | Clear | | W.S.P. | 13 |
| 14 | 76.5 | 29.208 | -.135 | 29.073 | 29.98 | 65.3 | 62.3 | 60 | 85 | .517 | 72.0 | 61.8 | NW | 1 | | | T | 8 | St | SW | Cloudy | | W.S.P. | 14 |
| 15 | 77.0 | 29.190 | -.137 | 29.053 | 29.96 | 70.8 | 69.3 | 69 | 93 | .707 | 74.0 | 69.3 | SE | 3 | | | .04 | 10 | Nimbus | S | Sprinkling | | W.S.P. | 15 |
| 16 | 77.0 | 29.380 | -.138 | 29.242 | 30.16 | 58.0 | 54.7 | 52 | 81 | .387 | 70.4 | 56.4 | NE | 8 | | | 0 | 3 1 | Ci St A St St | NW NW NW | Pt. Cldy | | W.S.P. | 16 |
| 17 | 74.0 | 29.157 | -.129 | 29.028 | 29.95 | 60.3 | 57.0 | 55 | 82 | .432 | 67.4 | 57.8 | S | 9 | | | 0 | 10 | St | S | Cloudy | | W.S.P. | 17 |
| 18 | 71.0 | 28.967 | -.120 | 28.847 | 29.76 | 62.4 | 61.2 | 60 | 91 | .517 | 64.0 | 60.7 | SW | 12 | | | .12 | 10 | St | W | Cloudy | | W.S.P. | 18 |
| 19 | 65.0 | 28.998 | -.104 | 28.894 | 29.81 | 53.0 | 49.6 | 46 | 79 | .310 | 56.4 | 48.9 | SW | 20 | | | 0 | 9 | St | SW | Cloudy | | W.S.P. | 19 |
| 20 | 64.0 | 29.222 | -.102 | 29.120 | 30.05 | 53.0 | 49.8 | 47 | 80 | .322 | 59.3 | 50.8 | SW | 9 | | | 0 | 5 4 | A.St. St. | W SW | Cloudy | | W.S.P. | 20 |
| 21 | 66.5 | 29.196 | -.109 | 29.087 | 30.01 | 58.0 | 54.0 | 51 | 77 | .373 | 68.5 | 56.3 | SE | 7 | | | 0 | 3 1 | Ci St | S S | P.Cloudy | | B.A.S. | 21 |
| 22 | 69.0 | 29.200 | -.116 | 29.084 | 30.00 | 50.8 | 50.8 | 51 | 100 | .373 | 69.0 | 50.8 | NW | 10 | | | .19 | 10 | Nb | NW | Lt Rain | | H.A.C. | 22 |
| 23 | 67.5 | 29.254 | -.112 | 29.142 | 30.07 | 46.3 | 46.0 | 48 | 98 | .310 | 58.0 | 45.0 | NW | 1 | | | 0 | Dense Fog | | E | Foggy | | B.A.S. | 23 |
| 24 | 67.0 | 29.180 | -.110 | 29.070 | 29.99 | 57.2 | 56.7 | 56 | 97 | .448 | 61.0 | 52.9 | NE | 8 | | | 0 | 10 | St | NE | Cloudy | | H.A.C. | 24 |
| 25 | 67.0 | 29.154 | -.110 | 29.044 | 29.96 | 63.2 | 60.2 | 58 | 84 | .482 | 63.2 | 55.1 | SE | 12 | | | 0 | 7 | St | S | P.Cloudy | | H.A.C. | 25 |
| 26 | 64.0 | 29.305 | -.103 | 29.202 | 30.13 | 43.0 | 40.5 | 38 | 81 | .228 | 67.0 | 42.6 | W | 12 | | | .28 | 0 | 0 | 0 | Clear | | H.A.C. | 26 |
| 27 | 66.0 | 29.482 | -.109 | 29.373 | 30.32 | 41.5 | 38.5 | 34 | 77 | .195 | 49.0 | 37.1 | W | 2 | | | 0 | 0 | 0 | 0 | Clear | | H.A.C. | 27 |
| 28 | 67.5 | 29.520 | -.113 | 29.407 | 30.35 | 50.0 | 46.5 | 43 | 77 | .277 | 57.0 | 48.2 | S | 1 | | | 0 | 10 | St | W | Cloudy | | H.A.C. | 28 |
| 29 | 65.0 | 29.522 | -.106 | 29.416 | 30.36 | 43.0 | 41.0 | 39 | 85 | .237 | 53.0 | 42.0 | N | 12 | | | 0 | 10 | St | N | Cloudy | | B.A.S. | 29 |
| 30 | 66.0 | 29.502 | -.109 | 29.393 | 30.34 | 37.0 | 36.0 | 35 | 91 | .203 | 49.0 | 35.0 | SW | 8 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| Sums | | (a) | (a) | 874.404 | 901.95 | 1810.6 | 1718.0 | 1656 | 2507 | 13.863 | (a) | (a) | (a) | 203 | (a) | (a) | 0.64 | 147 | (a) | (a) | (a) | | (a) | (a) |
| Means | | (a) | (a) | 29.147 | 30.065 | 60.4 | 57.3 | 55.2 | 83.6 | .462 | (a) | (a) | (c) SW | 6.8 | (a) | (a) | (a) | 4.9 | (c) St | (c) W | (a) | | (a) | (a) |

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

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# ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 p. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | Fog, Mid. to Mid. (local standard time). Light. (f) | Fog, Mid. to Mid. (local standard time). Dense. (f) | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | | |
| 1 | 85.0 | 29.192 | -.158 | 29.034 | 29.92 | 83.0 | 74.0 | 70 | 66 | .732 | 93.0 | 72.0 | SW | 6 | | | 0 | 0 | 0 | 0 | Clear | | | B.A.S. | 1 |
| 2 | 85.0 | 29.254 | -.158 | 29.096 | 30.00 | 82.0 | 74.0 | 71 | 69 | .757 | 93.0 | 75.5 | W | 24 | | | 0 | 10 | St | N | Cloudy | | | B.A.S. | 2 |
| 3 | 83.5 | 29.331 | -.154 | 29.177 | 30.09 | 78.0 | 72.0 | 69 | 75 | .707 | 84.3 | 70.0 | NE | 7 | | | 0 | 6 | St | NW | Pt. Cldy | | | B.A.S. | 3 |
| 4 | 83.5 | 29.326 | -.154 | 29.172 | 30.09 | 78.0 | 75.0 | 74 | 87 | .838 | 84.2 | 65.3 | E | 5 | | | 0 | 0 | 0 | 0 | Clear | B 7.30 M E.8.00 M | BNA E7.30 | B.A.S. | 4 |
| 5 | 87.0 | 29.300 | -.163 | 29.137 | 30.04 | 84.0 | 76.0 | 73 | 70 | .810 | 93.5 | 72.0 | SW | 3 | | | 0 | 0 | 0 | 0 | Clear | | | B.A.S. | 5 |
| 6 | 88.5 | 29.234 | -.167 | 29.067 | 29.97 | 85.0 | 75.0 | 71 | 63 | .757 | 92.8 | 74.2 | W | 2 | | | 0 | 0 | 0 | 0 | Clear | | | B.A.S. | 6 |
| 7 | 85.0 | 29.206 | -.158 | 29.048 | 29.96 | 73.0 | 68.0 | 66 | 78 | .638 | 80.8 | 63.0 | N | 4 | | | .60 | 0 | 0 | 0 | Clear | | | B.A.S. | 7 |
| 8 | 83.5 | 29.182 | -.154 | 29.028 | 29.94 | 81.0 | 73.5 | 70 | 70 | .732 | 88.0 | 63.7 | S | 1 | | | 0 | Few | St | S | Clear | | | B.A.S. | 8 |
| 9 | 87.0 | 29.280 | -.163 | 29.117 | 30.03 | 83.0 | 72.0 | 67 | 58 | .661 | 91.0 | 70.0 | SE | 2 | | | 0 | 0 | 0 | 0 | Clear | | | B.A.S. | 9 |
| 10 | 88.5 | 29.304 | -.167 | 29.137 | 30.04 | 84.0 | 76.0 | 73 | 70 | .810 | 92.8 | 73.0 | 0 | 0 | | | 0 | Few | ASt | NW | Clear | | | B.A.S. | 10 |
| 11 | 83.5 | 29.352 | -.154 | 29.198 | 30.12 | 68.0 | 59.0 | 53 | 59 | .402 | 77.0 | 64.0 | NW | 9 | | | 0 | Few | St | N | Clear | | | B.A.S. | 11 |
| 12 | 80.0 | 29.310 | -.145 | 29.165 | 30.08 | 68.0 | 59.0 | 53 | 59 | .402 | 72.5 | 56.4 | N | 2 | | | 0 | 1 | St | N | Clear | | | B.A.S. | 12 |
| 13 | 77.5 | 29.080 | -.137 | 28.943 | 29.85 | 72.0 | 66.0 | 63 | 73 | .575 | 77.6 | 57.7 | E | 4 | | | 0 | 10 | St | E | Cloudy | | | B.A.S. | 13 |
| 14 | 77.5 | 29.276 | -.138 | 29.138 | 30.05 | 74.0 | 70.0 | 68 | 82 | .684 | 86.0 | 65.3 | SE | 6 | | | T | 10 | St | SE | Cloudy | | | B.A.S. | 14 |
| 15 | 79.0 | 29.~~380~~ 262 | ~~-.138~~ -.142 | 29.~~242~~ 120 | 30.06 | ~~58.0~~ 70 | ~~54.7~~ 65.0 | ~~52~~ 6 | 87 | ~~.387~~ .555 | ~~70.4~~ 80.0 | ~~56.4~~ 70.0 | NW | 12 | | | .09 | 10 | ~~Cist~~ Cst | ~~NW~~ NW | Pt. Cldy. | | | B.A.S. | 15 |
| 16 | 76.0 | 29.250 | -.134 | 29.116 | 30.04 | 67.0 | 58.0 | 52 | 58 | .387 | 72.5 | 58.0 | SE | 1 | | | 0 | 1 | St | SE | Clear | | | B.A.S. | 16 |
| 17 | 73.0 | 29.042 | -.125 | 28.917 | 29.84 | 64.0 | 64.0 | 64 | 100 | .595 | 67.5 | 60.3 | S | 8 | | | .35 | 10 | Nb | S | Lt. Rain | | | B.A.S. | 17 |
| 18 | 70.0 | 28.992 | -.118 | 28.874 | 29.79 | 56.0 | 53.0 | 51 | 82 | .373 | 70.0 | 56.0 | SW | 8 | | | T | 4 St | St | S | Pt Cldy | | | B.A.S. | 18 |
| 19 | 65.0 | 29.116 | -.104 | 29.012 | 29.94 | 59.0 | 53.0 | 48 | 68 | .334 | 64.0 | 53.0 | SW | 8 | 25 | SW | T | 9 | St | SW | Cloudy | | | B.A.S. | 19 |
| 20 | 67.0 | 29.214 | -.110 | 29.104 | 30.02 | 68.5 | 62.0 | 58 | 70 | .482 | 77.1 | 53.0 | SE | 8 | | | 0 | 10 | ASt | SW | Cloudy | | | H.T.C. | 20 |
| 21 | 70.0 | 29.148 | -.118 | 29.030 | 29.95 | 69.0 | 64.0 | 61 | 77 | .536 | 80.7 | 58.0 | NW | 6 | | | .04 | 10 | Nb | NW | Lt Rain | | | H.T.C. | 21 |
| 22 | 70.0 | 29.205 | -.118 | 29.087 | 30.02 | 58.0 | 53.0 | 49 | 72 | .347 | 62.7 | 50.8 | S | 5 | | | .20 | 6 | St | SW | Pt Cloudy | | | H.T.C. | 22 |
| 23 | 69.0 | 29.216 | -.116 | 29.100 | 30.03 | 61.0 | 57.0 | 54 | 79 | .417 | 69.1 | 46.3 | NE | 8 | | | 0 | 0 | 0 | 0 | Clear | | BDNA E7.0 a | B.A.S. | 23 |
| 24 | 68.0 | 29.150 | -.113 | 29.037 | 29.96 | 62.0 | 60.0 | 59 | 89 | .499 | 67.0 | 57.2 | SE | 4 | | | .02 | 0 | 0 | 0 | Clear | | | B.A.S. | 24 |
| 25 | 70.0 | 29.144 | -.118 | 29.026 | 29.95 | 67.0 | 63.0 | 61 | 80 | .536 | 79.0 | 63.2 | SW | 12 | 26 | SW | 0 | 10 | St | SW | Cloudy | | | B.A.S. | 25 |
| 26 | 66.0 | 29.~~284~~ 5 | ~~-.108~~ 8 | ~~29.176~~ 246 | 30.13 | 49.0 | 43.0 | 36 | 81 | .211 | 55.3 | 43.0 | W | 6 | | | 0 | 0 | 0 | 0 | Clear | | | B.A.S. | 26 |
| 27 | 67.0 | 29.432 | -.111 | 29.361 | 30.30 | 57.0 | 50.0 | 44 | 61 | ~~.278~~ .248 | 62.0 | 41.5 | SE | 4 | | | 0 | Few | St | S | Clear | | | B.A.S. | 27 |
| 28 | 66.0 | 29.432 | -.109 | 29.323 | 30.26 | 53.0 | 50.0 | 47 | 82 | .322 | 64.0 | 50.0 | N | 14 | | | 0 | 10 | St | NE | Cloudy | | | B.A.S. | 28 |
| 29 | 66.0 | 29.536 | -.109 | 29.427 | 30.38 | 49.0 | 43.0 | 36 | 61 | .211 | 55.7 | 43.0 | NW | 4 | | | 0 | 0 | 0 | 0 | Clear | | | B.A.S. | 29 |
| 30 | 67.0 | 29.304 | -.111 | 29.193 | 30.12 | 51.0 | 44.5 | 37 | 60 | .219 | 60.0 | 37.0 | SW | 8 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| Sums | | (a) | (a) | 873.430 | 900.99 | 2053.5 | 1872.0 | 1760 | 215.6 | 15.816 | (a) | (a) | (a) | 191 | (a) | (a) | 1.30 | 117 | (a) | (a) | (a) | ϕ1 | ϕ2 | (a) | (a) |
| Means | | (a) | (a) | 29.114 | 30.033 | 68.4 | 62.4 | 58.7 | 71.9 | .527 | (a) | (a) | (c) SW S | 6.4 | (a) | (a) | (a) | 3.9 | (c) SX | (c) S SW NW | (a) | (a) | (a) | (a) | (a) |

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 191[illegible]

| Date. | Temperature. Maximum. (b) | Minimum. (b) | Range. (b) | Change. (b) | Mean. (Max. and Min.) (b) | Normal. | Departure. | Total excess or deficiency since 1st of month. | Precipitation. Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Total (Mid. to mid.). (b) †† | Normal. | Departure. | Total excess or deficiency since 1st of month. | Hail and sleet unmelted. --p.m. to --p.m. * ‡‡ | Snow unmelted. --p.m. to --p.m. * ‡‡ | Hail, sleet, and snow on ground at --p.m. * ‡‡ | Amount of precipitation from melted snow (mid. to mid.). | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | | | | | | | | | | | | | | | | In. | | | | In. | In. | In. | In. | |
| Sunday 1 | 93 | 75 | 18 | 6 | 84 | | | | | | | | | | | | | | | | 0 | | | | | | | | 1 |
| 2 | 93 | 70 | 23 | 2 | 82 | | | | | | | | | | | | | | | | .01 | | | | | | | | 2 |
| 3 | 84 | 68 | 16 | 6 | 76 | | | | | | | | | | | | | | | | 0 | | | | | | | | 3 |
| 4 | 84 | 62 | 22 | 3 | 73 | | | | | | | | | | | | | | | | 0 | | | | | | | | 4 |
| 5 | 94 | 69 | 25 | 9 | 82 | | | | | | | | | | | | | | | | 0 | | | | | | | | 5 |
| 6 | 93 | 72 | 21 | 0 | 82 | | | | | | | | | | | | | | | | 0 | | | | | | | | 6 |
| 7 | 81 | 63 | 18 | 10 | 72 | | | | | | | | | | | | | | | | .60 | | | | | | | | 7 |
| 8 | 88 | 60 | 28 | 2 | 74 | | | | | | | | | | | | | | | | 0 | | | | | | | | 8 |
| 9 | 91 | 65 | 26 | 4 | 78 | | | | | | | | | | | | | | | | 0 | | | | | | | | 9 |
| 10 | 92 | 68 | 24 | 2 | 80 | | | | | | | | | | | | | | | | 0 | | | | | | | | 10 |
| 11 | 77 | 58 | 19 | 12 | 68 | | | | | | | | | | | | | | | | 0 | | | | | | | | 11 |
| 12 | 72 | 52 | 20 | 6 | 62 | | | | | | | | | | | | | | | | 0 | | | | | | | | 12 |
| 13 | 78 | 54 | 24 | 4 | 66 | | | | | | | | | | | | | | | | 0 | | | | | | | | 13 |
| 14 | 86 | 62 | 24 | 8 | 74 | | | | R | 4 45 A | 5 00 A | R | 5 00 P | 5 45 P | | | | | | | T | | | | | | | | 14 |
| 15 | 80 | 64 | 16 | 2 | 72 | | | | R | [about 4 A] DN A | 10 30 A | | | | | | | | | | .13 | | | | | | | | 15 |
| 16 | 72 | 56 | 16 | 8 | 64 | | | | | | | | | | | | | | | | 0 | | | | | | | | 16 |
| 17 | 68 | 58 | 10 | 1 | 63 | | | | R | 10.00 A | 10 10 A | R | 10 40 A | 12 30 P | R | 3 15 P | 9 30 P | | | | .47 | | | | | | | | 17 |
| 18 | 70 | 51 | 19 | 3 | 60 | | | | | | | | | | | | | | | | T | | | | | | | | 18 |
| 19 | 64 | 49 | 15 | 4 | 56 | | | | | | | | | | | | | | | | T | | | | | | | | 19 |
| 20 | 77 | 51 | 26 | 8 | 64 | | | | | | | | | | | | | | | | 0 | | | | | | | | 20 |
| 21 | 81 | 56 | 25 | 4 | 68 | | | | | | | | | | | | | | | | .06 | | | | | | | | 21 |
| 22 | 63 | 51 | 12 | 11 | 57 | | | | | | | | | | | | | | | | .37 | | | | | | | | 22 |
| 23 | 69 | 45 | 24 | 0 | 57 | | | | | | | | | | | | | | | | 0 | | | | | | | | 23 |
| 24 | 67 | 53 | 14 | 3 | 60 | | | | | | | | | | | | | | | | .02 | | | | | | | | 24 |
| 25 | 79 | 50 | 29 | 4 | 64 | | | | | | | | | | | | | | | | .24 | | | | | | | | 25 |
| 26 | 55 | 41 | 14 | 16 | 48 | | | | | | | | | | | | | | | | .04 | | | | | | | | 26 |
| 27 | 62 | 37 | 25 | 2 | 50 | | | | | | | | | | | | | | | | 0 | | | | | | | | 27 |
| 28 | 64 | 47 | 17 | 6 | 56 | | | | | | | | | | | | | | | | 0 | | | | | | | | 28 |
| 29 | 56 | 42 | 14 | 7 | 49 | | | | | | | | | | | | | | | | 0 | | | | | | | | 29 |
| 30 | 60 | 35 | 25 | 1 | 48 | | | | | | | | | | | | | | | | 0 | | | | | | | | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| S--- | 2293 | 1684 | 609 | 154 | 1989 | | Total excess or deficiency since January 1, | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | 1.94 | | Total excess or deficiency since January 1, | | | | (a) | (a) | (a) |
| M--- | 76.4 | 56.1 | 20.3 | 5.1 | 66.3 | (a) | | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | | | (a) | (a) | (a) | (a) | (a) |

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, $S^d$—dry snow, $S^m$—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.



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# SUMMARY FOR THE MONTH OF Sept., 1912

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

## PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

| STATION. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. | REDUCED. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.147 | 29.114 | 29.130 | 29.427 | 29 | 28.847 | 18 | ~~.580~~ .580 | 30.065 | 30.033 | 30.049 | 30.38 | 29 | 29.76 | 18 | 0.62 |
| Corrected mean | | 29.125 | | | | | | Corrected mean | | 30.044 | 3,500-ft. | | | 10,000-ft. | |

## TEMPERATURE.

| MEAN. Dry. 8 a. m. | 8 p. m. | (8+8)÷2 (g) | Wet. 8 a. m. | 8 p. m. | Monthly. (g) | Max. | Min. | Monthly. (g) | Sea-level. (g) | 3,500-ft. (g) | 10,000-ft. (g) | Highest. (i) | Date. (i) | Lowest. (i) | Date. (i) | Absolute range. | Greatest daily range. (i) | Date. (i) | Least daily range. (i) | Date. (i) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60.4 | 68.4 | 64.4 | 57.3 | 62.4 | 59.8 | 76.4 | 56.1 | 66.2 | - | - | - | 94 | 5 | 35 | 30 | 59 | 29 | 25 | 10 | 17 |

| Dew-point. 8 a. m. | 8 p. m. | Monthly. (g) | Relative Humidity. 8 a. m. | 8 p. m. | Monthly. (g) | Vapor Pressure. 8 a. m. | 8 p. m. | Monthly. (g) | Number of days with—(j) Maximum. 32° or below. | 90° or above. | Minimum. 32° or below. | Zero or below. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 55.2 | 58.7 | 57.0 | 83.6 | 71.9 | 77.8 | .462 | .527 | .494 | 0 | 6 | 0 | 0 |

## WIND.

| Total movement (mid. to mid.). | Average hourly velocity. | Prevailing direction. (p) | Maximum velocity. (r) | Direction. (r) | Date. (r) | Number of times wind observed from the— N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4878 | ~~6.6~~ 6.8 | SW | 26 | SW | 25 | 8 | 4 | 5 | 11 | 6 | 13 | 5 | 7 | 1 |

## WEATHER.

| Mean Cloudiness. 8 a. m. | 8 p. m. | Monthly. (t) | Sunshine. Percentage of possible. | Number of Days. Clear. | Partly cloudy. | Cloudy. | Number of Days with Precipitation (Mid. to Mid.). Clear. (u) | Partly cloudy. (u) | Cloudy. (u) |
|---|---|---|---|---|---|---|---|---|---|
| 4.9 | 3.9 | ~~5~~ 4.6 | 67 | 12 | 11 | 7 | 2 | 3 | 4 |

## MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

| Frosts. Light. | Heavy. | Killing. | Thunderstorms. (v) | Winds. (40 miles or over.) | Solar Halos. | Lunar Halos. | Fog. Light. | Dense. | Haze. Light. | Dense. | Smoke. Light. | Dense. | Hail. | Aurora. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27-30 | 0 | 0 | 2-7-17 | 0 | 0 | 0 | 4 | 4, 23 | 0 | 0 | 0 | 0 | 0 | 0 |

## PRECIPITATION (in inches and hundredths). (m)

| Total amount. | Greatest amount in 24 consecutive hours. Am't. | Date. (k) | Excessive. 2.50 inches in 24 hours. (l) * Am't. | Duration. h. m. | Date. (k) | 1 inch per hour. (l) Am't. | Duration. h. m. | Date. (k) | Number of days with—(Mid. to Mid.). Trace. | .01 or more. | .04 or more. | .25 or more. | 1.00 or more. | Total. | Snow. Trace or more. | .01 or more melted. | Snow. Total depth. (o) | Average depth at end of month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.94 | .60 | 7 | – | 0 | – | – | 0 | – | 3 | 9 | 7 | 3 | 0 | 12 | 0 | 0 | 0 | 0 |

(w) Maximum precipitation in 5 minutes .20, date 7"; 10 minutes .35, date 7"; 15 minutes .47, date 7";
30 minutes .58, date 7"; 1 hour .60, date 7"; 2 hours .60, date 7"

## EXCESSIVE.

| Date. | Total Duration. From— | To— | Total am't of precipitation. | Excessive Rate. Began— | Ended— | Am't before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 12¹⁰ P. | 1.¹⁵ P. | .60 | 12¹⁵ P. | 12³⁰ P. | .02 | .14 | .35 | .47 | | | | | | | | | | | |

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ C. S. Cahnus, L. F., Weather Bureau.

(9)

*ORIGINAL MONTHLY RECORD OF OBSERVATIONS at* ....., *for the Month of* ....., *191*

*Number of Station barometer,* .....; *sum of corrections,* ..... *inch.*

| Date. | SPECIAL OBSERVATIONS. | | | | | | | | | | | | | | | | | | | | | | | | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time. | | Barometer. | | | | | Thermometers. | | Dew-point. | Depression of the dew-point. | Relative humidity. | Maximum thermometer. | Wind. | | | | Precipitation. †† | Clouds. | | | State of Weather. | Special Phenomena. | Initials of Observer. | |
| | 75th Mer. | Local (standard). | Attached thermometer. | Observed reading. | Total correction. | Station. (Observed reading plus total cor.) | Reduced to sea-level. | Dry. | Wet. | | | | | Direction. | Velocity. † | Max. since last observation. | Direction. | | Am't. | Kind. | Dir. from. | | | | |
| | | | | | | | | (None.) | | | | | | | | | | | | | | | | | |

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

# ORIGINAL MONTHLY RECORD

OF

# OBSERVATIONS

AT

*Fort Wayne, Ind.*

*For the Month of* October, *191*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911 & 912; first observation taken in present office, 7.00 ~~A~~ m. May 20, 19 11

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1912.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 a. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | |
| 1 | 65.0 | 29.336 | -.105 | 29.231 | 30.16 | 40.0 | 38.0 | 35 | 84 | .203 | 51.0 | 38.0 | SW | 8 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 1 |
| 2 | 66.0 | 29.424 | -.109 | 29.315 | 30.26 | 44.0 | 42.0 | 40 | 85 | .247 | 57.5 | 41.5 | SW | 5 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 2 |
| 3 | 66.0 | 29.166 | -.108 | 29.058 | 29.99 | 49.5 | 45.0 | 40 | 71 | .247 | 61.0 | 47.0 | S | 9 | | | 0 | 10 | St | S | Cloudy | | B.A.S. | 3 |
| 4 | 69.0 | 29.194 | -.116 | 29.078 | 30.01 | 47.0 | 46.0 | 45 | 93 | .298 | 61.5 | 46.0 | SW | 4 | | | 0 | 0 | Lt Fog | W | Clear | | B.A.S. | 4 |
| 5 | 71.5 | 29.422 | -.123 | 29.299 | 30.23 | 51.0 | 49.0 | 47 | 87 | .322 | 67.5 | 47.0 | E | 4 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 5 |
| 6 | 73.0 | 29.408 | -.127 | 29.281 | 30.21 | 56.5 | 54.0 | 52 | 85 | .387 | 71.0 | 55.3 | S | 8 | | | 0 | 3 | A. St | S | Clear | | B.A.S. | 6 |
| 7 | 72.5 | 29.282 | -.125 | 29.157 | 30.08 | 53.0 | 49.0 | 45 | 75 | .298 | 71.5 | 52.5 | NW | 25 | | | 0 | 10 | St | N | Cloudy | | B.A.S. | 7 |
| 8 | 70.0 | 29.312 | -.119 | 29.193 | 30.12 | 39.0 | 38.0 | 37 | 92 | .219 | 50.5 | 37.4 | W | 1 | | | 0 | 3 | Ci Cu | NE | Clear | | B.A.S. | 8 |
| 9 | 67.0 | 29.091 | -.110 | 28.981 | 29.91 | 54.0 | 52.0 | 50 | 88 | .360 | 57.5 | 52.0 | E | 4 | | | T | 7 | St | E | A Cloudy | | B.A.S. | 9 |
| 10 | 69.0 | 29.232 | -.116 | 29.116 | 30.04 | 59.0 | 58.8 | 59 | 99 | .499 | 66.2 | 58.0 | E | 8 | | | .03 | 10 | St Lt Fog | E | Cloudy | | B.A.S. | 10 |
| 11 | 69.0 | 29.222 | -.116 | 29.106 | 30.03 | 62.0 | 61.0 | 60 | 94 | .517 | 64.0 | 59.0 | S | 8 | | | 0 | 9 | St | S | Cloudy | | B.A.S. | 11 |
| 12 | 69.5 | 29.120 | -.116 | 29.004 | 29.92 | 53.0 | 49.0 | 45 | 75 | .298 | 72.0 | 53.0 | SW | 20 | 36 | SW | 0 | 10 | St | W | Cloudy | | B.A.S. | 12 |
| 13 | 67.0 | 29.470 | -.111 | 29.359 | 30.31 | 43.0 | 41.0 | 39 | 85 | .237 | 51.0 | 40.0 | SW | 8 | | | 0 | 8 | St | W | Cloudy | | B.A.S. | 13 |
| 14 | 66.0 | 29.490 | -.109 | 29.381 | 30.33 | 39.5 | 37.0 | 34 | 80 | .195 | 54.5 | 38.5 | SW | 6 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 14 |
| 15 | 67.0 | 29.524 | -.111 | 29.413 | 30.35 | 45.0 | 43.0 | 41 | 86 | .256 | 54.5 | 42.5 | NW | 5 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 15 |
| 16 | 68.0 | 29.666 | -.115 | 29.551 | 30.50 | 39.0 | 37.0 | 34 | 84 | .195 | 50.5 | 37.0 | SE | 2 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 16 |
| 17 | 69.0 | 29.304 | -.116 | 29.188 | 30.12 | 44.0 | 41.0 | 38 | 78 | .228 | 55.0 | 42.0 | S | 7 | | | 0 | 10 | St | S | Cloudy | | B.A.S. | 17 |
| 18 | 68.0 | 29.060 | -.112 | 28.948 | 29.87 | 61.0 | 58.0 | 56 | 84 | .448 | 61.0 | 57.0 | S | 6 | | | 0 | 10 | St | S | Cloudy | | B.A.S. | 18 |
| 19 | 66.0 | 29.212 | -.108 | 29.104 | 30.03 | 45.0 | 43.0 | 41 | 86 | .256 | 62.0 | 44.0 | SW | 10 | | | T | 0 | 0 | 0 | Clear | | B.A.S. | 19 |
| 20 | 67.0 | 29.422 | -.111 | 29.311 | 30.26 | 36.5 | 36.0 | 36 | 95 | .211 | 48.0 | 34.5 | NE | 3 | | | 0 | Few | Ci | E | Clear | | B.A.S. | 20 |
| 21 | 67.5 | 29.250 | -.112 | 29.138 | 30.07 | 43.0 | 41.5 | 40 | 88 | .247 | 53.0 | 39.5 | E | 2 | | | 0 | 3 | A St | SW | Clear | | B.A.S. | 21 |
| 22 | 69.0 | 29.032 | -.115 | 28.917 | 29.83 | 63.0 | 62.0 | 61 | 95 | .336 | 66.0 | 61.0 | SE | 13 | | | .02 | 10 | St | S | Cloudy | | B.A.S. | 22 |
| 23 | 65.0 | 29.288 | -.105 | 29.183 | 30.11 | 42.0 | 39.0 | 35 | 77 | .203 | 47.0 | 42.0 | NW | 15 | | | 0 | 10 | St | N | Cloudy | | B.A.S. | 23 |
| 24 | 66.0 | 29.400 | -.109 | 29.291 | 30.24 | 34.0 | 33.0 | 32 | 90 | .180 | 44.5 | 32.5 | NW | 5 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 24 |
| 25 | 67.0 | 29.272 | -.111 | 29.161 | 30.10 | 36.5 | 35.0 | 32 | 87 | .180 | 46.5 | 34.0 | W | 5 | | | 0 | 1 | Ci Cu | W | Clear | | B.A.S. | 25 |
| 26 | 66.0 | 29.324 | -.108 | 29.216 | 30.15 | 38.0 | 36.0 | 33 | 83 | .187 | 50.5 | 37.0 | NW | 4 | | | 0 | 0 | 0 | 0 | Clear | | B.A.S. | 26 |
| 27 | 66.0 | 29.308 | -.108 | 29.200 | 30.13 | 41.0 | 38.0 | 34 | 77 | .195 | 52.0 | 39.0 | S | 8 | | | 0 | 9 | St | S | Cloudy | | B.A.S. | 27 |
| 28 | 69.0 | 29.248 | -.116 | 29.132 | 30.06 | 46.0 | 43.0 | 40 | 79 | .247 | 58.0 | 45.0 | S | 7 | | | 0 | 10 | A. St | S | Cloudy | | B.A.S. | 28 |
| 29 | 67.0 | 29.020 | -.110 | 28.910 | 29.83 | 56.0 | 53.0 | 51 | 82 | .373 | 60.5 | 51.0 | S | 20 | | | 0 | 5 | Ci Cu | S | A Cloudy | | B.A.S. | 29 |
| 30 | 67.0 | 29.304 | -.111 | 29.193 | 30.12 | 37.0 | 35.0 | 32 | 83 | .180 | 60.0 | 36.0 | SW | 8 | | | 0 | Few | St | SW | Clear | | B.A.S. | 30 |
| 31 | 69.0 | 29.274 | -.116 | 29.158 | 30.09 | 40.0 | 39.0 | 38 | 92 | .228 | 47.0 | 39.0 | NE | 8 | | | T | 10 | St | E | Cloudy | | B.A.S. | 31 |
| Sums | (a) | (a) | | 904.573 | 933.46 | 1437.5 | 1372.3 | 1302 | 2639 | 8.677 | (a) | (a) | (a) | 246 | (a) | (a) | .05 | 148 | (a) | (a) | (a) | | (a) | (a) |
| Means | (a) | (a) | | 29.180 | 30.112 | 46.4 | 44.3 | 42.0 | 85.1 | .280 | (a) | (a) | (c) S-SW | 7.9 | (a) | (a) | (a) | 4.8 | (c) SW | (c) S | (a) | | (a) | (a) |

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 p. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | Fog, Mid. to Mid. (local standard time). Light. (f) | Fog, Mid. to Mid. (local standard time). Dense. (f) | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | | |
| 1 | 67.5 | 29.372 | -.112 | 29.260 | 30.20 | 57.5 | 52.0 | 48 | 69 | .334 | 65.6 | 40.0 | W | 1 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 1 |
| 2 | 69.0 | 29.280 | -.116 | 29.164 | 30.09 | 61.0 | 51.0 | 42 | 50 | .266 | 69.8 | 44.0 | S | 8 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 2 |
| 3 | 70.0 | 29.044 | -.118 | 28.926 | 29.85 | 61.5 | 55.5 | 52 | 68 | .387 | 66.9 | 49.5 | SW | 8 | | | T | 0 | 0 | 0 | Clear | | | H.T.C. | 3 |
| 4 | 72.0 | 29.290 | -.124 | 29.166 | 30.10 | 67.5 | 56.0 | 47 | 48 | .322 | 76.1 | 47.0 | SW | 2 | | | 0 | 0 | 0 | 0 | Clear | B DNa L 7.15a | | H.T.C. | 4 |
| 5 | 74.5 | 29.379 | -.131 | 29.248 | 30.18 | 71.0 | 63.0 | 58 | 64 | .482 | 81.0 | 51.0 | SE | 6 | | | 0 | 0 | 0 | 0 | Clear | | | B.A.S. | 5 |
| 6 | 76.0 | 29.252 | -.134 | 29.118 | 30.04 | 71.5 | 62.0 | 56 | 58 | .448 | 81.8 | 56.5 | S | 10 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 6 |
| 7 | 72.0 | 29.308 | -.124 | 29.184 | 30.11 | 50.5 | 46.0 | 42 | 72 | .266 | 59.8 | 53.0 | NW | 6 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 7 |
| 8 | 68.0 | 29.190 | -.113 | 29.077 | 30.02 | 54.5 | 50.5 | 48 | 76 | .334 | 58.0 | 39.0 | NE | 4 | | | T | 10 | St | NE | Cloudy | B DNa L 7.15a | | H.T.C. | 8 |
| 9 | 69.0 | 29.092 | -.115 | 28.977 | 29.90 | 66.2 | 65.2 | 64 | 95 | .595 | 73.7 | 54.0 | S | 6 | | | .36 | 10 | St | SW | Cloudy | | | H.T.C. | 9 |
| 10 | 69.0 | 29.280 | .116 | 29.164 | 30.08 | 64.0 | 62.0 | 61 | 90 | .536 | 66.2 | 58.1 | SW | 10 | | | .68 | 0 | 0 | 0 | Clear | B DNa L 11.15a | | H.T.C. | 10 |
| 11 | 72.0 | 29.069 | -.123 | 28.946 | 29.86 | 72.0 | 69.0 | 68 | 86 | .684 | 80.3 | 62.0 | SE | 12 | | | .14 | 6 | St | SW | Pt Cloudy | | | H.T.C. | 11 |
| 12 | 66.0 | 29.365 | -.108 | 29.257 | 30.19 | 51.0 | 47.0 | 43 | 75 | .277 | 56.1 | 51.0 | SW | 6 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 12 |
| 13 | 68.0 | 29.492 | -.114 | 29.378 | 30.32 | 54.5 | 50.5 | 48 | 76 | .334 | 61.3 | 43.0 | NW | 6 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 13 |
| 14 | 68.0 | 29.406 | -.114 | 29.292 | 30.23 | 54.5 | 46.0 | 37 | 52 | .219 | 62.7 | 39.5 | SW | 8 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 14 |
| 15 | 70.0 | 29.642 | -.120 | 29.522 | 30.46 | 50.5 | 44.0 | 36 | 60 | .211 | 59.0 | 45.0 | NE | 6 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 15 |
| 16 | 71.0 | 29.438 | -.122 | 29.316 | 30.26 | 55.0 | 45.0 | 34 | 44 | .195 | 61.8 | 39.0 | SE | 6 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 16 |
| 17 | 70.0 | 29.118 | -.118 | 29.000 | 29.93 | 61.0 | 54.0 | 49 | 64 | .347 | 69.2 | 44.0 | S | 10 | | | 0 | 1 | St | SW | Clear | | | H.T.C. | 17 |
| 18 | 69.0 | 28.982 | -.115 | 28.867 | 29.79 | 62.0 | 60.0 | 59 | 89 | .499 | 64.0 | 60.1 | S | 8 | | | .80 | 10 | St | S | Cloudy | | | H.T.C. | 18 |
| 19 | 68.0 | 29.386 | -.114 | 29.272 | 30.21 | 48.0 | 44.0 | 40 | 73 | .247 | 55.7 | 45.0 | NW | 6 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 19 |
| 20 | 67.0 | 29.268 | -.111 | 29.157 | 30.09 | 53.0 | 47.0 | 41 | 64 | .256 | 60.0 | 36.5 | E | 5 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 20 |
| 21 | 70.0 | 29.188 | -.118 | 29.070 | 30.00 | 66.0 | 62.0 | 60 | 80 | .517 | 73.1 | 43.0 | SE | 8 | | | 0 | 2 | St | S | Clear | | | H.T.C. | 21 |
| 22 | 69.0 | 29.150 | -.116 | 29.034 | 29.96 | 47.0 | 45.0 | 43 | 86 | .277 | 63.7 | 47.0 | NW | 16 | | | .07 | 10 | St | NW | Cloudy | | | H.T.C. | 22 |
| 23 | 68.0 | 29.355 | -.113 | 29.242 | 30.17 | 44.5 | 41.0 | 36 | 74 | .211 | 48.3 | 42.0 | NW | 10 | | | 0 | 10 | St | N | Cloudy | | | H.T.C. | 23 |
| 24 | 68.5 | 29.306 | -.115 | 29.191 | 30.13 | 45.5 | 41.0 | 36 | 68 | .211 | 54.2 | 34.0 | NW | 8 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 24 |
| 25 | 68.0 | 29.246 | -.113 | 29.133 | 30.07 | 50.5 | 45.2 | 40 | 68 | .247 | 62.1 | 36.5 | NW | 10 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 25 |
| 26 | 68.5 | 29.326 | -.115 | 29.211 | 30.14 | 52.0 | 48.0 | 44 | 75 | .287 | 59.2 | 38.0 | NW | 1 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 26 |
| 27 | 67.5 | 29.223 | -.112 | 29.111 | 30.04 | 58.0 | 48.0 | 38 | 47 | .228 | 64.7 | 41.0 | S | 8 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 27 |
| 28 | 70.0 | 29.112 | -.118 | 28.994 | 29.92 | 60.5 | 49.5 | 38 | 44 | .228 | 69.8 | 46.0 | SE | 10 | | | 0 | 5 | A St | S | Pt Cloudy | | | H.T.C. | 28 |
| 29 | 69.5 | 29.010 | -.116 | 28.894 | 29.81 | 60.0 | 57.0 | 55 | 84 | .432 | 71.7 | 56.0 | SW | 12 | 31 | SW | .02 | 10 | St | SW | Cloudy | | | H.T.C. | 29 |
| 30 | 72.0 | 29.386 | -.125 | 29.261 | 30.21 | 47.0 | 42.0 | 36 | 66 | .211 | 53.0 | 37.0 | NW | 4 | | | 0 | 0 | 0 | 0 | Clear | | | H.T.C. | 30 |
| 31 | 69.5 | 28.878 | -.115 | 28.763 | 29.69 | 44.5 | 43.5 | 42 | 93 | .266 | 45.8 | 40.0 | NE | 10 | | | .03 | 10 | Nb | NE | Sprinkling | | | H.T.C. | 31 |
| Sums | | (a) | (a) | 903.175 | 932.05 | 1762.2 | 1592.2 | 1441 | 2158 | 10.354 | (a) | (a) | (a) | 231 | (a) | (a) | 2.10 | 84 | (a) | (a) | (a) | 3 | 0 | (a) | (a) |
| Means | | (a) | (a) | 29.135 | 30.066 | 56.8 | 51.4 | 46.5 | 69.6 | .334 | (a) | (a) | (c) NW | 7.5 | (a) | (a) | (a) | 2.7 | (c) St | (c) SW | (a) | (a) | (a) | (a) | (a) |

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1912

| Date. | Temperature. Maximum. (b) | Minimum. (b) | Range. (b) | Change. (b) | Mean. (Max. and Min.) (b) | Normal. | Departure. | Total excess or deficiency since 1st of month. | Precipitation. Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Total (Mid. to mid.). (b) †† | Normal. | Departure. | Total excess or deficiency since 1st of month. | Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡ | Snow unmelted. 7 p.m. to 7 p.m. * ‡‡ | Hail, sleet, and snow on ground at 7 p.m. * ‡‡ | Amount of precipitation from melted snow (mid. to mid.). | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | | | | | | | | | | | | | | | | In. | | | | In. | In. | In. | In. | |
| Tuesday 1 | 66 | 38 | 28 | 4 | 52 | | | | | | | | | | | | | | | | 0 | | | | | | | | 1 |
| 2 | 70 | 42 | 28 | 4 | 56 | | | | | | | | | | | | | | | | 0 | | | | | | | | 2 |
| 3 | 67 | 47 | 20 | 1 | 57 | | | | | | | | | | | | | | | | T | | | | | | | | 3 |
| 4 | 76 | 46 | 30 | 4 | 61 | | | | | | | | | | | | | | | | 0 | | | | | | | | 4 |
| 5 | 81 | 47 | 34 | 3 | 64 | | | | | | | | | | | | | | | | 0 | | | | | | | | 5 |
| 6 | 82 | 55 | 27 | 4 | 68 | | | | | | | | | | | | | | | | 0 | | | | | | | | 6 |
| 7 | 65 | 42 | 23 | 14 | 54 | | | | | | | | | | | | | | | | 0 | | | | | | | | 7 |
| 8 | 58 | 37 | 21 | 6 | 48 | | | | | | | | | | | | | | | | T | | | | | | | | 8 |
| 9 | 74 | 52 | 22 | 15 | 63 | | | | | | | | | | | | | | | | .39 | | | | | | | | 9 |
| 10 | 66 | 58 | 8 | 1 | 62 | | | | | | | | | | | | | | | | .68 | | | | | | | | 10 |
| 11 | 80 | 59 | 21 | 8 | 70 | | | | | | | | | | | | | | | | .14 | | | | | | | | 11 |
| 12 | 74 | 44 | 30 | 11 | 59 | | | | | | | | | | | | | | | | 0 | | | | | | | | 12 |
| 13 | 61 | 40 | 21 | 9 | 50 | | | | | | | | | | | | | | | | 0 | | | | | | | | 13 |
| 14 | 63 | 38 | 25 | 0 | 50 | | | | | | | | | | | | | | | | 0 | | | | | | | | 14 |
| 15 | 59 | 42 | 17 | 0 | 50 | | | | | | | | | | | | | | | | 0 | | | | | | | | 15 |
| 16 | 62 | 37 | 25 | 0 | 50 | | | | | | | | | | | | | | | | 0 | | | | | | | | 16 |
| 17 | 69 | 42 | 27 | 6 | 56 | | | | | | | | | | | | | | | | 0 | | | | | | | | 17 |
| 18 | 64 | 58 | 6 | 5 | 61 | | | | | | | | | | | | | | | | .80 | | | | | | | | 18 |
| 19 | 62 | 41 | 21 | 9 | 52 | | | | | | | | | | | | | | | | 0 | | | | | | | | 19 |
| 20 | 60 | 34 | 26 | 5 | 47 | | | | | | | | | | | | | | | | 0 | | | | | | | | 20 |
| 21 | 73 | 40 | 33 | 9 | 56 | | | | | | | | | | | | | | | | 0 | | | | | | | | 21 |
| 22 | 64 | 43 | 21 | 2 | 54 | | | | | | | | | | | | | | | | .09 | | | | | | | | 22 |
| 23 | 48 | 35 | 13 | 12 | 42 | | | | | | | | | | | | | | | | 0 | | | | | | | | 23 |
| 24 | 54 | 32 | 22 | 1 | 43 | | | | | | | | | | | | | | | | 0 | | | | | | | | 24 |
| 25 | 62 | 34 | 28 | 5 | 48 | | | | | | | | | | | | | | | | 0 | | | | | | | | 25 |
| 26 | 59 | 37 | 22 | 0 | 48 | | | | | | | | | | | | | | | | 0 | | | | | | | | 26 |
| 27 | 65 | 39 | 26 | 4 | 52 | | | | | | | | | | | | | | | | 0 | | | | | | | | 27 |
| 28 | 70 | 45 | 25 | 6 | 58 | | | | | | | | | | | | | | | | 0 | | | | | | | | 28 |
| 29 | 72 | 46 | 26 | 1 | 59 | | | | | | | | | | | | | | | | .02 | | | | | | | | 29 |
| 30 | 53 | 36 | 17 | 15 | 44 | | | | | | | | | | | | | | | | 0 | | | | | | | | 30 |
| 31 | 46 | 39 | 7 | 2 | 42 | | | | | | | | | | | | | | | | .35 | | | | | | | | 31 |
| S. | 2025 | 1325 | 700 | 164 | 1676 | | Total excess or deficiency since January 1, | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | 2.47 | | Total excess or deficiency since January 1, | | | | (a) | (a) | (a) |
| M. | 65.3 | 42.7 | 22.6 | 5.4 | 54.1 | (a) | | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | | | (a) | (a) | (a) | (a) | (a) |

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, $S^d$—dry snow, $S^m$—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.



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# SUMMARY FOR THE MONTH OF October, 1912

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

## PRESSURE.

(Correction to reduce to a 24-hour mean -.006)

| STATION. | | | | | | | | REDUCED. | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mean. | | | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. | Mean. | | | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. |
| 8 a. m. | 8 p. m. | Monthly. (g) | | | | | | 8 a. m. | 8 p. m. | Monthly. (g) | | | | | |
| 29.180 | 29.135 | 29.158 | 29.551 | 16 | 28.763 | 31st | 0.788 | 30.112 | 30.066 | 30.089 | 30.50 | 16 | 29.69 | 31 | 0.81 |
| Corrected mean | | 29.152 | | | | | | Corrected mean | | 30.083 | 3,500-ft. | | | 10,000-ft. | |

## TEMPERATURE.

| Mean. | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dry. | | | Wet. | | | Max. | Min. | Monthly. (g) | Sea-level. (g) | 3,500-ft. (g) | 10,000-ft. (g) | Highest. (i) | Date. (i) | Lowest. (i) | Date. (i) | Absolute range. | Greatest daily range. (i) | Date. (i) | Least daily range. (i) | Date. (i) |
| 8 a. m. | 8 p. m. | (8+8)÷2 (g) | 8 a. m. | 8 p. m. | Monthly. (g) | | | | | | | | | | | | | | | |
| 46.4 | 56.8 | 51.6 | 44.3 | 37.4 | 47.8 | 65.3 | 42.7 | 54.0 | | | | 82 | 6 | 32 | 24 | 50 | 34 | 5 | 6 | 18 |

| Dew-point. | | | Relative Humidity. | | | Vapor Pressure. | | | Number of days with—(j) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Maximum. | | Minimum. | |
| 8 a. m. | 8 p. m. | Monthly. (g) | 8 a. m. | 8 p. m. | Monthly. (g) | 8 a. m. | 8 p. m. | Monthly. (g) | 32° or below. | 90° or above. | 32° or below. | Zero or below. |
| 42.0 | 46.5 | 44.2 | 85.1 | 69.6 | 77.4 | .280 | .334 | .307 | 0 | 0 | 0 | 0 |

## WIND.

| Total movement (mid. to mid.). | Average hourly velocity. | Prevailing direction. (p) | Maximum velocity. (r) | Direction. (r) | Date. (r) | Number of times wind observed from the— | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. |
| 6,578 | 8.8 | SW | 36 | SW | 12 | 0 | 5 | 5 | 7 | 14 | 14 | 3 | 14 | 0 |

## WEATHER.

| Mean Cloudiness. | | | Sunshine. | Number of Days. | | | Number of Days with Precipitation (Mid. to Mid.). | | |
|---|---|---|---|---|---|---|---|---|---|
| 8 a. m. | 8 p. m. | Monthly. (t) | Percentage of possible. | Clear. | Partly cloudy. | Cloudy. | Clear. (u) | Partly cloudy. (u) | Cloudy. (u) |
| 4.8 | 2.7 | 3.9 | 64 | 14 | 9 | 8 | 0 | 2 | 5 |

## MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

| Frosts. | | | Thunderstorms. (v) | Winds. (40 miles or over.) | Solar Halos. | Lunar Halos. | Fog. | | Haze. | | Smoke. | | Hail. | Aurora. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Light. | Heavy. | Killing. | | | | | Light. | Dense. | Light. | Dense. | Light. | Dense. | | |
| 14-15 17 | 8-16 | 20 | 9-10-11 | 0 | 0 | 0 | 4-8 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## PRECIPITATION (in inches and hundredths). (m)

| Total amount. | Greatest amount in 24 consecutive hours. | | Excessive. | | | | | | Number of days with—(Mid. to Mid.). | | | | | | | | Snow. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2.50 Inches in 24 Hours. (l) * | | | 1 Inch per Hour. (l) | | | | | | | | | Snow. | | | |
| | Am't. | Date. (k) | Am't. | Duration. h. m. | Date. (k) | Am't. | Duration. h. m. | Date. (k) | Trace. | .01 or more. | .04 or more. | .25 or more. | 1.00 or more. | Total. | Trace or more. | .01 or more melted. | Total Depth. (o) | Average Depth at End of Month. |
| 2.47 | 1.00 | 9th | – | 0 | – | – | 0 | – | 2 | 7 | 6 | 4 | 0 | 9 | 0 | 0 | 0 | 0 |

(w) Maximum precipitation in 5 minutes .08, date 17 18; 10 minutes .16, date 17 18; 15 minutes .22, date 17 18;
30 minutes .28, date 17 18; 1 hour .38, date 10th; 2 hours .55, date 10

## EXCESSIVE.

| Date. | Total Duration. | | Total am't of precipitation. | Excessive Rate. | | Am't before excessive began. | Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| None. | | | | | | | | | | | | | | | | | | | | |

*The duration is the time precipitation was actually recorded.

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Prepared by _____ W. S. Palmer, L. F., Weather Bureau.

*ORIGINAL MONTHLY RECORD OF OBSERVATIONS at* ....., *for the Month of* ....., *191*

*Number of Station barometer,* .....; *sum of corrections,* ..... *inch.*

| Date. | Time. | | Barometer. | | | | | Thermometers. | | Dew-point. | Depression of the dew-point. | Relative humidity. | Maximum thermometer. | Wind. | | | | Precipitation. †† | Clouds. | | | State of Weather. | Special Phenomena. | Initials of Observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 75th Mer. | Local (standard). | Attached thermometer. | Observed reading. | Total correction. | Station. (Observed reading plus total cor.) | Reduced to sea-level. | Dry. | Wet. | | | | | Direction. | Velocity. † | Max. since last observation. | Direction. | | Am't. | Kind. | Dir. from. | | | | |
| | | | | | | | None | | | | | | | | | | | | | | | | | | |

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

# ORIGINAL MONTHLY RECORD

OF

# OBSERVATIONS

AT

Fort Wayne, Ind.

*For the Month of* November, *1912*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ....; No. of wet thermometer in use, ....; No. of maximum thermometer in use, ....; No. of minimum thermometer in use, ....

† Elevation above ground of the dry thermometer, .... feet; rain gage, .... feet; anemometer, .... feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 675; sum of corrections, .017; date and observation upon which use of station barometer commenced, May 20 1911; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Clinton street, room 911 912; first observation taken in present office, 7.00 a m. May 20, 1911

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; — A. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 a. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | |
| 1 | 66.0 | 28.928 | -.107 | 28.821 | 29.75 | 36.5 | 35.0 | 32 | 87 | .180 | 44.5 | 34.3 | NW | 12 | | | .40 | 10 | St | NW | Cloudy | | N.F.C. | 1 |
| 2 | 64.0 | 29.300 | -.103 | 29.197 | 30.14 | 32.0 | 29.0 | 24 | 69 | .124 | 34.0 | 32.0 | W | 10 | | | T | 10 | St | W | Cloudy | | N.F.C. | 2 |
| 3 | 64.0 | 29.473 | -.103 | 29.370 | 30.33 | 24.7 | 22.7 | 19 | 75 | .098 | 32.0 | 24.7 | SW | 4 | | | 0 | 0 | 0 | 0 | Clear | | N.F.C. | 3 |
| 4 | 62.0 | 29.314 | -.098 | 29.216 | 30.16 | 38.0 | 34.0 | 28 | 67 | .150 | 39.0 | 35.6 | S | 12 | | | 0 | 10 | A.St. | SW | Cloudy | | N.F.C. | 4 |
| 5 | 65.0 | 29.386 | -.106 | 29.280 | 30.22 | 43.0 | 39.0 | 34 | 70 | .195 | 49.2 | 42.0 | S | 12 | | | 0 | 9 | A.St. | SW | Cloudy | | N.F.C. | 5 |
| 6 | 68.0 | 29.108 | -.112 | 28.996 | 29.93 | 52.6 | 52.6 | 53 | 100 | .402 | 58.0 | 52.6 | S | 12 | | | .15 | 10 | Nb | SW | Lt Rain | | N.F.C. | 6 |
| 7 | 68.0 | 29.140 | -.113 | 29.027 | 29.96 | 43.4 | 39.4 | 34 | 70 | .195 | 56.0 | 43.4 | NW | 12 | | | .02 | 10 | St | NW | Cloudy | | N.F.C. | 7 |
| 8 | 70.0 | 29.066 | -.118 | 28.948 | 29.89 | 39.0 | 36.0 | 32 | 76 | .180 | 44.0 | 38.2 | S | 12 | | | 0 | 2 | A.St. | S | Clear | | N.F.C. | 8 |
| 9 | 65.5 | 29.418 | -.107 | 29.311 | 30.25 | 39.0 | 35.0 | 29 | 68 | .157 | 47.0 | 39.0 | W | 12 | | | 0 | 10 | St | NW | Cloudy | | N.F.C. | 9 |
| 10 | 66.0 | 29.226 | -.108 | 29.118 | 30.06 | 48.0 | 43.0 | 37 | 67 | .219 | 48.3 | 43.1 | S | 10 | | | 0 | 1 | St. | S | Clear | | N.F.C. | 10 |
| 11 | 64.0 | 29.136 | -.102 | 29.034 | 29.96 | 52.0 | 49.0 | 46 | 81 | .310 | 58.8 | 51.3 | SW | 12 | | | 0 | 3 | Ci | W | Clear | | N.F.C. | 11 |
| 12 | 68.0 | 29.183 | -.113 | 29.070 | 29.99 | 54.0 | 50.0 | 47 | 76 | .322 | 64.0 | 54.0 | SW | 12 | | | 0 | 10 | A.St. | SW | Cloudy | | N.F.C. | 12 |
| 13 | 67.0 | 28.809 | -.109 | 28.700 | 29.61 | 49.0 | 48.0 | 47 | 93 | .322 | 61.0 | 48.1 | SW | 18 | 31 | SW | .02 | 10 | St | SW | Cloudy | | N.F.C. | 13 |
| 14 | 64.0 | 29.008 | -.102 | 28.906 | 29.86 | 34.5 | 34.0 | 34 | 95 | .195 | 39.0 | 34.0 | W | 14 | | | .01 | 10 | Nb | NW | Lt Snow | | N.F.C. | 14 |
| 15 | 66.0 | 29.438 | -.109 | 29.329 | 30.29 | 31.0 | 28.0 | 23 | 69 | .118 | 33.2 | 29.8 | NW | 10 | | | 0 | 9 | St | NW | Cloudy | | N.F.C. | 15 |
| 16 | 69.0 | 29.607 | -.117 | 29.490 | 30.45 | 28.5 | 24.0 | 14 | 50 | .077 | 38.0 | 27.2 | SW | 10 | | | 0 | 0 | 0 | 0 | Clear | | N.F.C. | 16 |
| 17 | 65.0 | 29.576 | -.106 | 29.470 | 30.43 | 30.0 | 28.0 | 25 | 78 | .130 | 41.0 | 30.0 | SW | 8 | | | 0 | 0 | 0 | 0 | Clear | | N.F.C. | 17 |
| 18 | 63.5 | 29.392 | -.102 | 29.290 | 30.24 | 31.0 | 28.0 | 23 | 69 | .118 | 39.0 | 30.8 | SW | 6 | | | 0 | 0 | 0 | 0 | Clear | | N.F.C. | 18 |
| 19 | 63.0 | 29.160 | -.100 | 29.060 | 30.00 | 36.0 | 33.0 | 29 | 73 | .157 | 46.0 | 36.0 | SW | 12 | | | 0 | 2 | A.St. | W | Clear | | N.F.C. | 19 |
| 20 | 66.0 | 29.176 | -.108 | 29.068 | 30.01 | 39.0 | 37.0 | 34 | 84 | .195 | 49.0 | 38.0 | SW | 8 | | | 0 | 5 | A.St. | SW | P.Cloudy | | N.F.C. | 20 |
| 21 | 68.0 | 29.215 | -.113 | 29.102 | 30.03 | 44.0 | 39.0 | 32 | 64 | .180 | 55.0 | 44.0 | SW | 14 | | | 0 | 0 | 0 | 0 | Clear | | N.F.C. | 21 |
| 22 | 68.0 | 29.244 | -.113 | 29.131 | 30.08 | 29.3 | 27.3 | 24 | 78 | .124 | 46.0 | 29.3 | SW | 12 | | | 0 | 1 | St | W | Clear | | N.F.C. | 22 |
| 23 | 67.0 | 28.836 | -.109 | 28.727 | 29.66 | 39.0 | 36.5 | 33 | 80 | .187 | 44.0 | 37.3 | S | 14 | | | 0 | 6 | A.St. | W | P.Cloudy | | N.F.C. | 23 |
| 24 | 58.0 | 28.806 | -.086 | 28.720 | 29.66 | 26.5 | 25.0 | 22 | 82 | .113 | 36.5 | 26.5 | SW | 14 | 25 | SW | .01 | 10 | Nb | SW | Lt Snow | | N.F.C. | 24 |
| 25 | 62.5 | 29.308 | -.099 | 29.209 | 30.15 | 32.4 | 30.4 | 27 | 79 | .143 | 33.4 | 32.4 | W | 10 | | | 0 | 10 | St | W | Cloudy | | N.F.C. | 25 |
| 26 | 67.0 | 29.111 | -.094 | 29.017 | 29.97 | 33.0 | 30.5 | 27 | 76 | .143 | 33.0 | 30.7 | SW | 14 | | | T | 10 | Nb | SW | Lt Snow | | N.F.C. | 26 |
| 27 | 66.0 | 29.350 | -.108 | 29.242 | 30.19 | 26.0 | 23.0 | 16 | 64 | .085 | 33.0 | 25.3 | SW | 8 | | | 0 | 1 | St | SW | Clear | | N.F.C. | 27 |
| 28 | 66.0 | 29.420 | -.109 | 29.311 | 30.27 | 22.0 | 20.0 | 15 | 72 | .081 | 29.5 | 20.2 | SW | 10 | | | 0 | 10 | St | W | Cloudy | | N.F.C. | 28 |
| 29 | 60.0 | 29.278 | -.092 | 29.186 | 30.14 | 30.5 | 27.5 | 22 | 68 | .113 | 33.0 | 30.5 | SW | 12 | | | 0 | 3 | St | SW | Clear | | N.F.C. | 29 |
| 30 | 63.0 | 29.578 | -.101 | 29.477 | 30.44 | 30.0 | 28.0 | 25 | 78 | .130 | 36.0 | 27.3 | SW | 3 | | | 0 | 0 | 0 | 0 | Clear | | N.F.C. | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| Sums | | (a) | (a) | 873.823 | 902.12 | 1093.9 | 1011.9 | 887 | 2258 | 5.143 | (a) | (a) | (a) | 329 | (a) | (a) | 0.61 | 172 | (a) | (a) | (a) | | (a) | (a) |
| Means | | (a) | (a) | 29.127 | 30.071 | 36.5 | 33.7 | 29.6 | 75.3 | .171 | (a) | (a) | (c) SW | 11.0 | (a) | (a) | (a) | 5.7 | (c) SX | (c) SW | (a) | | (a) | (a) |

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 p. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | Fog, Mid. to Mid. (local standard time). Light. (f) | Fog, Mid. to Mid. (local standard time). Dense. (f) | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | | |
| 1 | 66.0 | 29.258 | -.108 | 29.150 | 30.10 | 34.0 | 30.0 | 24 | 62 | .124 | 40.5 | 34.0 | W | 8 | | | T | 10 | St | W | Cloudy | | | BAS. | 1 |
| 2 | 66.0 | 29.372 | -.108 | 29.264 | 30.22 | 32.0 | 29.0 | 24 | 69 | .124 | 38.0 | 32.0 | W | 6 | | | 0 | 0 | 0 | 0 | Clear | | | BAS. | 2 |
| 3 | 64.0 | 29.388 | -.103 | 29.285 | 30.24 | 39.0 | 35.0 | 29 | 68 | .157 | 45.0 | 24.7 | S | 12 | | | 0 | 0 | 0 | 0 | Clear | | | BAS. | 3 |
| 4 | 68.0 | 29.264 | -.113 | 29.151 | 30.08 | 49.0 | 44.0 | 39 | 67 | .237 | 54.0 | 38.0 | S | 13 | 32 | S | T | 0 | 0 | 0 | Clear | | | BAS. | 4 |
| 5 | 68.0 | 29.270 | -.113 | 29.157 | 30.09 | 54.0 | 52.0 | 50 | 88 | .360 | 60.0 | 43.0 | S | 10 | | | .18 | 10 | St | S | Cloudy | | | BAS. | 5 |
| 6 | 70.0 | 28.988 | -.118 | 28.870 | 29.79 | 56.0 | 55.0 | 54 | 94 | .417 | 58.0 | 52.6 | SW | 8 | | | .68 | 10 | Nb | SW | Lt Rain | | | BAS. | 6 |
| 7 | 74.0 | 29.200 | -.129 | 29.071 | 30.01 | 44.0 | 42.0 | 40 | 85 | .247 | 52.0 | 42.0 | NW | 3 | | | 0 | 0 | 0 | 0 | Clear | | | BAS. | 7 |
| 8 | 71.0 | 29.168 | -.121 | 29.047 | 29.99 | 47.0 | 39.0 | 28 ~~47~~ | 47 | .150 | 55.0 | 39.0 | W | 14 | 30 | W | 0 | 0 | 0 | 0 | Clear | | | BAS. | 8 |
| 9 | 68.0 | 29.457 | -.114 | 29.340 | 30 ~~29~~.29 | 44.2 | 41.0 | 37 | 77 | .219 | 48.0 | 39.0 | S | 7 | | | 0 | 10 | St | SW | Cloudy | | | BAS. | 9 |
| 10 | 66.0 | 29.136 | -.108 | 29.028 | 29.96 | 58.0 | 52.0 | 47 | 67 | .322 | 65.0 | 48.0 | SW | 10 | | | 0 | 0 | 0 | 0 | Clear | | | BAS. | 10 |
| 11 | 68.5 | 29.116 | -.114 | 29.002 | 29.92 | 64.0 | 56.0 | 50 | 61 | .360 | 71.0 | 52.0 | SW | 14 | 30 | SW | 0 | 0 | 0 | 0 | Clear | | | BAS. | 11 |
| 12 | 69.0 | 29.026 | -.115 | 28.911 | 29.83 | 61.0 | 58.0 | 56 | 84 | .448 | 63.0 | 54.0 | S | 18 | | | T | 4 | St | S | Pt Cloudy | | | BAS. | 12 |
| 13 | 69.0 | 28.974 | -.115 | 28.859 | 29.79 | 38.0 | 38.0 | 38 | 100 | .288 | 48.6 | 38.0 | SW | 16 | 32 | W | .01 | 10 | Nb | W | Misting | | | BAS. | 13 |
| 14 | 69.0 | 29.258 | -.116 | 29.142 | 30.09 | 33.0 | 30.0 | 25 | 71 | .130 | 39.0 | 33.0 | NW | 23 | | | .01 | 10 | St | NW | Cloudy | | | BAS. | 14 |
| 15 | 72.0 | 29.544 | -.125 | 29.419 | 30.38 | 38.0 | 36.0 | 33 | 83 | .187 | 42.0 | 31.0 | W | 4 | | | 0 | 0 | 0 | 0 | Clear | | | BAS. | 15 |
| 16 | 70.0 | 29.560 | -.119 | 29.441 | 30.40 | 41.0 | 38.0 | 34 | 77 | .195 | 50.0 | 28.5 | NW | 12 | | | 0 | 10 | St | NW | Cloudy | | | BAS. | 16 |
| 17 | 64.0 | 29.430 | -.103 | 29.327 | 30.28 | 39.0 | 36.0 | 32 | 76 | .180 | 44.0 | 30.0 | SW | 10 | | | 0 | 5 | St | SW | Pt Cloudy | | | BAS. | 17 |
| 18 | 67.0 | 29.280 | -.111 | 29.169 | 30.11 | 46.0 | 40.0 | 32 | 59 | .180 | 53.0 | 31.0 | S | 10 | | | 0 | 0 | 0 | 0 | Clear | | | BAS. | 18 |
| 19 | 67.0 | 29.126 | -.110 | 29.016 | 29.96 | 49.0 | 46.0 | 43 | 80 | .277 | 59.0 | 36.0 | SW | 8 | | | 0 | 0 | 0 | 0 | Clear | | | BAS. | 19 |
| 20 | 70.0 | 29.158 | -.118 | 29.040 | 29.98 | 55.0 | 48.0 | 41 | 60 | .256 | 64.0 | 39.0 | SW | 13 | | | 0 | 0 | 0 | 0 | Clear | | | BAS. | 20 |
| 21 | 69.0 | 29.264 | -.116 | 29.148 | 30.08 | 45.5 | 41.5 | 36 | 72 | .211 | 58.5 | 44.0 | NW | 8 | | | 0 | 4 | St | NW | Pt Cloudy | | | BAS. | 21 |
| 22 | 69.0 | 29.190 | -.116 | 29.074 | 30.02 | 44.0 | 40.0 | 35 | 71 | .203 | 52.0 | 29.3 | SW | 6 | | | 0 | 1 | Cu St | S | Clear | | | BAS. | 22 |
| 23 | 65.0 | 28.844 | -.104 | 28.740 | 29.67 | 36.5 | 34.0 | 30 | 78 | .164 | 46.2 | 34.5 | SW | 20 | 28 | SW | .01 | 10 | St | W | Cloudy | | | BAS. | 23 |
| 24 | 65.0 | 29.136 | -.105 | 29.031 | 29.98 | 33.0 | 31.0 | 28 | 80 | .150 | 33.0 | 26.5 | W | 9 | | | .05 | 10 | St | W | Cloudy | | | BAS. | 24 |
| 25 | 67.0 | 29.244 | -.110 | 29.134 | 30.08 | 31.0 | 30.0 | 29 | 89 | .157 | 33.0 | 31.0 | SW | 8 | | | T | 10 | St | SW | Cloudy | | | BAS. | 25 |
| 26 | 68.0 | 29.220 | -.113 | 29.107 | 30.06 | 33.0 | 30.0 | 25 | 71 | .130 | 39.0 | 31.0 | SW | 15 | | | T | 0 | 0 | 0 | Clear | | | BAS. | 26 |
| 27 | 72.0 | 29.422 | -.125 | 29.297 | 30.26 | 29.5 | 28.0 | 26 | 84 | .136 | 33.0 | 25.3 | W | 6 | | | T | 0 | 0 | 0 | Clear | | | BAS. | 27 |
| 28 | 66.5 | 29.282 | -.109 | 29.173 | 30.12 | 33.0 | 31.0 | 28 | 80 | .150 | 35.0 | 22.0 | S | 16 | | | 0 | 0 | 0 | 0 | Clear | | | BAS. | 28 |
| 29 | 64.0 | 29.376 | -.103 | 29.263 | 30.22 | 36.0 | 32.0 | 26 | 65 | .136 | 43.4 | 30.5 | SW | 11 | 25 | SW | 0 | 0 | 0 | 0 | Clear | | | BAS. | 29 |
| 30 | 67.0 | 29.542 | -.117 | 29.425 | 30.38 | 43.0 | 39.0 | 34 | 70 | .195 | 50.0 | 30.0 | SE | 12 | | | 0 | 0 | 0 | 0 | Clear | | | BAS. | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| Sums | (a) | (a) | | 874.091 | 902.38 | 1285.7 | 1181.5 | 1053 | 2235 | 6.430 | (a) | (a) | (a) | 330 | (a) | (a) | 0.94 | 114 | (a) | (a) | (a) | 0 | 0 | (a) | (a) |
| Means | (a) | (a) | | 29.136 | 30.079 | 42.9 | 39.4 | 35.1 | 74.2 | .214 | (a) | (a) | (c) SW | 11.0 | (a) | (a) | (a) | 3.8 | (c) St | (c) W. SW | (a) | (a) | (a) | (a) | (a) |

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1912

| Date. | Temperature. Maximum. (b) | Minimum. (b) | Range. (b) | Change. (b) | Mean. (Max. and Min.) (b) | Normal. | Departure. | Total excess or deficiency since 1st of month. | Precipitation. Character.‡ | Beginning. | Ending. | Character.‡ | Beginning. | Ending. | Character.‡ | Beginning. | Ending. | Character.‡ | Beginning. | Ending. | Total (Mid. to mid.). (b) †† | Normal. | Departure. | Total excess or deficiency since 1st of month. | Hail and sleet unmelted. 7 p.m. to 7 p.m.* ‡‡ | Snow unmelted. 7 p.m. to 7 p.m.* ‡‡ | Hail, sleet, and snow on ground at 7 p.m.* ‡‡ | Amount of precipitation from melted snow (mid. to mid.). | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | | | | | | | | | | | | | | | | In. | | | | In. | In. | In. | In. | |
| Friday 1 | 40 | 33 | 7 | 6 | 36 | | | | | | | | | | | | | | | | .08 | | | | 0 | T | 0 | T | 1 |
| 2 | 38 | 28 | 10 | 3 | 33 | | | | | | | | | | | | | | | | 0 | | | | 0 | T | 0 | 0 | 2 |
| 3 | 45 | 25 | 20 | 2 | 35 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 3 |
| 4 | 54 | 36 | 18 | 10 | 45 | | | | | | | | | | | | | | | | T | | | | 0 | 0 | 0 | 0 | 4 |
| 5 | 60 | 42 | 18 | 6 | 51 | | | | | | | | | | | | | | | | .18 | | | | 0 | 0 | 0 | 0 | 5 |
| 6 | 58 | 49 | 9 | 3 | 54 | | | | | | | | | | | | | | | | .85 | | | | 0 | 0 | 0 | 0 | 6 |
| 7 | 52 | 40 | 12 | 8 | 46 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 7 |
| 8 | 55 | 38 | 17 | 0 | 46 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 8 |
| 9 | 48 | 39 | 9 | 2 | 44 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 9 |
| 10 | 65 | 44 | 21 | 10 | 54 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 10 |
| 11 | 71 | 51 | 20 | 7 | 61 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 11 |
| 12 | 63 | 54 | 9 | 3 | 58 | | | | | | | | | | | | | | | | .01 | | | | 0 | 0 | 0 | 0 | 12 |
| 13 | 61 | 37 | 24 | 9 | 49 | | | | | | | | | | | | | | | | .02 | | | | 0 | 0 | 0 | 0 | 13 |
| 14 | 39 | 33 | 6 | 13 | 36 | | | | | | | | | | | | | | | | .02 | | | | 0 | T+ | 0+ | .01 | 14 |
| 15 | 42 | 30 | 12 | 0 | 36 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 15 |
| 16 | 50 | 27 | 23 | 2 | 38 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 16 |
| 17 | 44 | 30 | 14 | 1 | 37 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 17 |
| 18 | 53 | 31 | 22 | 5 | 42 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 18 |
| 19 | 59 | 36 | 23 | 6 | 48 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 19 |
| 20 | 64 | 38 | 26 | 3 | 51 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 20 |
| 21 | 58 | 36 | 22 | 4 | 47 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 21 |
| 22 | 52 | 29 | 23 | 7 | 40 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 22 |
| 23 | 46 | 32 | 14 | 1 | 39 | | | | | | | | | | | | | | | | .02 | | | | 0 | 0 | 0 | 0 | 23 |
| 24 | 33 | 26 | 7 | 9 | 30 | | | | | | | | | | | | | | | | .05 | | | | 0 | 0.5 | T | .05 | 24 |
| 25 | 33 | 31 | 2 | 2 | 32 | | | | | | | | | | | | | | | | T | | | | 0 | T | T | T | 25 |
| 26 | 39 | 31 | 8 | 3 | 35 | | | | | | | | | | | | | | | | T | | | | 0 | T | 0 | T | 26 |
| 27 | 33 | 24 | 9 | 7 | 28 | | | | | | | | | | | | | | | | T | | | | 0 | T | 0 | T | 27 |
| 28 | 35 | 20 | 15 | 0 | 28 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 28 |
| 29 | 43 | 30 | 13 | 8 | 36 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 29 |
| 30 | 50 | 27 | 23 | 2 | 38 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 30 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 |
| S. | 1483 | 1027 | 456 | 142 | 1253 | | Total excess or deficiency since January 1, | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | 1.23 | | Total excess or deficiency since January 1, | | 0 | 0.5 | (a) | (a) | (a) |
| M. | 49.4 | 34.2 | 15.2 | 4.7 | 41.8 | (a) | | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | | | (a) | (a) | (a) | (a) | (a) |

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, $S^d$—dry snow, $S^m$—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

+ melted wet + fell



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# SUMMARY FOR THE MONTH OF NOVEMBER, 1912

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

## PRESSURE.

(Correction to reduce to a 24-hour mean -.007)

| STATION. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. | REDUCED. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.127 | 29.136 | 29.132 | 29.490 | 16 | 28.700 | 13 | .790 | 30.071 | 30.079 | 30.075 | 30.45 | 16 | 29.61 | 13 | 0.84 |
| Corrected mean | | 29.125 | | | | | | Corrected mean | | 30.068 | 3,500-ft. | | | 10,000-ft. | |

## TEMPERATURE.

| Mean. Dry. 8 a. m. | 8 p. m. | (8+8)÷2 (g) | Wet. 8 a. m. | 8 p. m. | Monthly. (g) | Max. | Min. | Monthly. (g) | Sea-level. (g) | 3,500-ft. (g) | 10,000-ft. (g) | Highest. (i) | Date. (i) | Lowest. (i) | Date. (i) | Absolute range. | Greatest daily range. (i) | Date. (i) | Least daily range. (i) | Date. (i) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36.5 | 42.9 | 39.7 | 33.7 | 39.4 | 36.6 | 49.4 | 34.2 | 41.8 | — | — | — | 71 | 11 | 20 | 28 | 51 | 26 | 20 | 2 | 25 |

| Dew-point. 8 a. m. | 8 p. m. | Monthly. (g) | Relative Humidity. 8 a. m. | 8 p. m. | Monthly. (g) | Vapor Pressure. 8 a. m. | 8 p. m. | Monthly. (g) | Number of days with—(j) Maximum. 32° or below. | 90° or above. | Minimum. 32° or below. | Zero or below. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.6 | 35.1 | 32.4 | 75.3 | 74.2 5 | 74.8 9 | .171 | .214 | .192 | 0 | 0 | 14 5 | 0 |

## WIND.

| Total movement (mid. to mid.). | Average hourly velocity. | Prevailing direction. (p) | Maximum velocity. (r) | Direction. (r) | Date. (r) | Number of times wind observed from the— N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8595 | 11.9 | SW | 33 | W | 13 | 0 | 0 | 0 | 1 | 13 | 29 | 10 | 7 | 0 |

## WEATHER.

| Mean Cloudiness. 8 a. m. | 8 p. m. | Monthly. (t) | Sunshine. Percentage of possible. | Number of Days. Clear. | Partly cloudy. | Cloudy. | Number of Days with Precipitation (Mid. to Mid.). Clear. (u) | Partly cloudy. (u) | Cloudy. (u) |
|---|---|---|---|---|---|---|---|---|---|
| 5.7 | 3.8 | 5.7 | 44 | 12 | 4 | 14 | 0 | 0 | 8 |

## MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

| Frosts. Light. | Heavy. | Killing. | Thunderstorms. (v) | Winds. (40 miles or over.) | Solar Halos. | Lunar Halos. | Fog. Light. | Dense. | Haze. Light. | Dense. | Smoke. Light. | Dense. | Hail. | Aurora. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## PRECIPITATION (in inches and hundredths). (m)

| Total amount. | Greatest amount in 24 consecutive hours. Am't. | Date. (k) | Excessive. 2.50 inches in 24 hours. (l) * Am't. | Duration. h. m. | Date. (k) | 1 inch per hour. (l) Am't. | Duration. h. m. | Date. (k) | Number of days with—(Mid. to Mid.). Trace. | .01 or more. | .04 or more. | .25 or more. | 1.00 or more. | Total. | Snow. Trace or more. | .01 or more melted. | Snow. Total depth. (o) | Average depth at end of month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.23 | 1.00 | 5-6 | — | 0 | — | — | 0 | — | 4 | 8 | 4 | 1 | 0 | 12 | 6 | 2 | 0.5 | 0 |

(w) Maximum precipitation in 5 minutes .05, date 6"; 10 minutes .08, date 6"; 15 minutes .10, date 6";
30 minutes .16, date 6"; 1 hour .22, date 6"; 2 hours .38, date 6"

## EXCESSIVE.

| Date. | Total Duration. From— | To— | Total am't of precipitation. | Excessive Rate. Began— | Ended— | Am't before excessive began. | Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| None. | | | | | | | | | | | | | | | | | | | | |

*The duration is the time precipitation was actually recorded.

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Prepared by _____ W. S. Palmer, L. F., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

| Date. | Time. 75th Mer. | Time. Local (standard). | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) | Barometer. Reduced to sea-level. | Thermometers. Dry. | Thermometers. Wet. | Dew-point. | Depression of the dew-point. | Relative humidity. | Maximum thermometer. | Wind. Direction. | Wind. Velocity. † | Wind. Max. since last observation. | Wind. Direction. | Precipitation. †† | Clouds. Am't. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | Special Phenomena. | Initials of Observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | NOON | 11.00a | 68.0 | 28.827 | -.112 | 28.715 | 29.64 | 47.7 | 45.0 | 42 | 6 | 82 | 48.3 | SW | 18 | 30 | SW | T | 10 | St | SW | Cloudy | | W.S.P. | 13 |

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l. (1912 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

# ORIGINAL MONTHLY RECORD

OF

# OBSERVATIONS

AT

Fort Wayne, Ind.

*For the Month of* December, *1912*

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, 5978; No. of wet thermometer in use, 5905; No. of maximum thermometer in use, 15028; No. of minimum thermometer in use, 11028

† Elevation above ground of the dry thermometer, 113 feet; rain gage, 107 feet; anemometer, 124 feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7.00 a.m.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Dr Berry & Calhoun street, room 211-212; first observation taken in present office, 7.00 a.m. May 20, 1911

* Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 a. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | |
| 1 | 66.0 | 29.430 | -.109 | 29.321 | 30.26 | 44.0 | 40.0 | 35 | 71 | .203 | 44.0 | 41.0 | S | 6 | | | 0 | 10 | St | S | Cloudy | | BAS | 1 |
| 2 | 66.0 | 28.836 | -.106 | 28.730 | 29.64 | 54.0 | 52.0 | 50 | 88 | .360 | 55.0 | 53.0 | S | 24 | 30 | SE | .44 | 10 | St | S | Cloudy | | BAS | 2 |
| 3 | 67.0 | 29.314 | -.111 | 29.203 | 30.14 | 35.0 | 33.0 | 30 | 82 | .164 | 37.0 | 34.0 | S | 12 | | | 0 | 10 | St | S | Cloudy | | BAS | 3 |
| 4 | 65.0 | 29.248 | -.105 | 29.143 | 30.08 | 40.5 | 38.0 | 34 | 80 | .195 | 41.7 | 36.5 | SW | 6 | | | .01 | 7 | Ci. St. | SW | P. Cloudy | | BAS | 4 |
| 5 | 67.0 | 29.126 | -.110 | 29.016 | 29.96 | 43.0 | 43.0 | 43 | 100 | .277 | 43.0 | 38.0 | E | 6 | | | .02 | 10 | N R D Fog | E | Lt Rain. | | BAS | 5 |
| 6 | 64.0 | 29.194 | -.102 | 29.092 | 30.03 | 31.0 | 30.0 | 29 | 89 | .157 | 39.0 | 31.0 | SW | 26 | 34 | SW | .01 | 10 | St | SW | Cloudy | | BAS | 6 |
| 7 | 62.0 | 29.356 | -.098 | 29.258 | 30.22 | 22.0 | 20.0 | 15 | 72 | .081 | 29.0 | 22.0 | SW | 12 | | | 0 | Few | St | SW | Clear | | BAS | 7 |
| 8 | 57.0 | 29.074 | -.084 | 28.990 | 29.94 | 36.0 | 34.0 | 31 | 82 | .172 | 37.0 | 32.0 | SW | 20 | 25 | SW | 0 | 10 | St | SW | Cloudy | | BAS | 8 |
| 9 | 61.5 | 29.476 | -.097 | 29.379 | 30.36 | 12.0 | 10.0 | 2 | 60 | .042 | 20.6 | 12.0 | SW | 14 | | | 0 | 0 | 0 | 0 | Clear | | BAS | 9 |
| 10 | 56.0 | 28.952 | -.081 | 28.871 | 29.88 | 28.0 | 26.0 | 22 | 77 | .113 | 28.0 | 25.0 | S | 22 | 28 | SW | 0 | Few | St | SW | Clear | | BAS | 10 |
| 11 | 59.0 | 29.150 | -.089 | 29.061 | 30.01 | 25.5 | 23.5 | 20 | 75 | .103 | 37.8 | 25.0 | SW | 10 | | | 0 | 1 | St | SW | Clear | | BAS | 11 |
| 12 | 55.0 | 29.562 | -.079 | 29.483 | 30.46 | 6.0 | 5.0 | ±0 | 75 | .038 | 17.8 | 5.0 | SW | 15 | 26 | W | 0 | 0 | 0 | 0 | Clear | | BAS | 12 |
| 13 | 58.0 | 29.376 | -.087 | 29.289 | 30.27 | 20.0 | 17.5 | 11 | 63 | .066 | 20.0 | 10.0 | SW | 15 | | | 0 | 4 | Ci. St. | S | P. Cloudy | | BAS | 13 |
| 14 | 61.0 | 29.258 | -.095 | 29.163 | 30.11 | 26.0 | 23.5 | 18 | 69 | .093 | 34.4 | 25.6 | SW | 12 | | | 0 | 4 | Ci. St | SW | P. Cloudy | | BAS | 14 |
| 15 | 64.0 | 28.914 | -.102 | 28.812 | 29.74 | 37.0 | 34.0 | 30 | 74 | .164 | 38.5 | 34.0 | SW | 15 | | | 0 | 9 | St | S | Cloudy | | BAS | 15 |
| 16 | 64.5 | 29.260 | -.104 | 29.156 | 30.10 | 36.5 | 36.0 | 36 | 95 | .211 | 40.5 | 36.0 | SW | 5 | | | 0 | 10 | St | W | Cloudy | | BAS | 16 |
| 17 | 68.0 | 28.774 | -.112 | 28.662 | 29.59 | 41.5 | 41.0 | 40 | 96 | .247 | 41.5 | 34.6 | S | 16 | | | .15 | 10 | Nb | S | Lt Rain | | BAS | 17 |
| 18 | 65.5 | 29.044 | -.106 | 28.938 | 29.89 | 30.0 | 27.5 | 23 | 73 | .118 | 42.0 | 30.0 | SW | 7 | | | 0 | 10 | St | S | Cloudy | | BAS | 18 |
| 19 | 61.0 | 29.060 | -.094 | 28.966 | 29.92 | 27.0 | 25.0 | 21 | 76 | .108 | 32.0 | 25.8 | W | 15 | | | T | 10 | St | SW | Cloudy | | BAS | 19 |
| 20 | 59.0 | 29.014 | -.089 | 28.925 | 29.88 | 32.0 | 30.5 | 28 | 85 | .150 | 32.0 | 26.0 | SW | 16 | 29 | SW | 0 | 10 | St | SW | Cloudy | | BAS | 20 |
| 21 | 60.0 | 29.392 | -.093 | 29.299 | 30.26 | 20.0 | 18.5 | 15 | 78 | .081 | 30.0 | 20.0 | SW | 13 | | | T | 10 | St | SW | Cloudy | | BAS | 21 |
| 22 | 61.0 | 29.500 | -.095 | 29.405 | 30.37 | 23.0 | 20.0 | 12 | 60 | .070 | 25.0 | 20.0 | SW | 9 | | | 0 | 0 | 0 | 0 | Clear | | BAS | 22 |
| 23 | 65.0 | 29.372 | -.105 | 29.267 | 30.24 | 16.0 | 14.5 | 10 | 74 | .063 | 26.0 | 16.0 | SW | 6 | | | 0 | 0 | 0 | 0 | Clear | | BAS | 23 |
| 24 | 64.0 | 29.086 | -.102 | 28.984 | 29.93 | 24.6 | 22.2 | 17 | 70 | .089 | 31.5 | 23.8 | SW | 11 | | | 0 | 10 | St | W | Cloudy | | BAS | 24 |
| 25 | 63.0 | 29.286 | -.100 | 29.186 | 30.14 | 27.3 | 25.0 | 21 | 73 | .108 | 34.4 | 26.2 | SW | 16 | | | 0 | 0 | 0 | 0 | Clear | | BAS | 25 |
| 26 | 62.0 | 29.270 | -.098 | 29.172 | 30.12 | 29.0 | 27.2 | 24 | 80 | .124 | 34.7 | 27.2 | S | 12 | | | 0 | 0 | 0 | 0 | Clear | | BAS | 26 |
| 27 | 66.0 | 29.116 | -.107 | 29.009 | 29.96 | 27.4 | 25.4 | 21 | 76 | .108 | 34.5 | 26.9 | W | 12 | | | .03 | 10 | Nb | W | Lt Snow | | BAS | 27 |
| 28 | 62.0 | 29.172 | -.097 | 29.075 | 30.04 | 22.0 | 20.0 | 15 | 72 | .081 | 26.6 | 19.0 | SW | 14 | | | 0 | 0 | 0 | 0 | Clear | | BAS | 28 |
| 29 | 64.0 | 29.170 | -.102 | 29.068 | 30.02 | 33.8 | 31.3 | 28 | 77 | .150 | 38.6 | 33.3 | S | 12 | | | 0 | 4 | St | S | P. Cloudy | | BAS | 29 |
| 30 | 65.0 | 28.616 | -.103 | 28.513 | 29.44 | 37.3 | 37.0 | 37 | 97 | .219 | 37.3 | 34.4 | SW | 12 | | | .38 | 10 | Nb | SW | Lt Rain | | BAS | 30 |
| 31 | 61.0 | 28.938 | -.094 | 28.844 | 29.78 | 36.5 | 34.5 | 32 | 82 | .180 | 37.8 | 35.1 | SW | 23 | | | 0 | 10 | St | S | Cloudy | | BAS | 31 |
| Sums | | (a) | (a) | 901.280 | 930.73 | 923.9 | 865.1 | 750 | 2421 | 4.355 | (a) | (a) | (a) | 414 | (a) | (a) | 0.94 | 189 | (a) | (a) | (a) | | (a) | (a) |
| Means | | (a) | (a) | 29.074 | 30.024 | 29.8 | 27.9 | 24.2 | 78.1 | .140 | (a) | (a) | (c) SW | 13.4 | (a) | (a) | (a) | 6.1 | (c) St | (c) SW | (a) | | (a) | (a) |

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1912

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

| Date. | Barometer. Attached thermometer. | Barometer. Observed reading. | Barometer. Total correction. | Barometer. Station. (Observed reading plus total cor.) (b) | Barometer. Reduced to sea-level. (b) | Thermometers. Dry. (b) | Thermometers. Wet. (b) | Dew-point. (b) | Relative humidity. (b) | Vapor pressure. (b) | Self-reg. ther's. Max. (b) | Self-reg. ther's. Min. (b) | Wind. Dir. | Wind. Velocity. (b) † | Wind. Max. during preceding 12 hours. | Wind. Dir. | Precipitation. Amt. at 8 p. m. (b) †† | Clouds. Amt. | Clouds. Kind. | Clouds. Dir. from. | State of Weather. | Fog, Mid. to Mid. (local standard time). Light. (f) | Fog, Mid. to Mid. (local standard time). Dense. (f) | Initials of observer. | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In. | | In. | In. | ° | ° | ° | % | In. | ° | ° | | Mi. | Mi. | | In. | | | | | | | | |
| 1 | 67.0 | 29.166 | -.110 | 29.056 | 29.99 | 55.0 | 52.0 | 50 | 82 | .360 | 58.3 | 44.0 | SE | 12 | | | 0 | 10 | St | SE | Cloudy | | | HFC | 1 |
| 2 | 66.5 | 29.322 | -.109 | 29.213 | 30.14 | 37.0 | 36.0 | 35 | 91 | .203 | 54.0 | 36.8 | NW | 8 | 44 | SW | T | 10 | St | NW | Cloudy | | | HFC | 2 |
| 3 | 71.0 | 29.131 | -.121 | 29.010 | 29.96 | 38.0 | 35.0 | 31 | 75 | .172 | 42.6 | 34.5 | S | 6 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 3 |
| 4 | 69.5 | 29.211 | -.117 | 29.094 | 30.03 | 43.0 | 41.0 | 39 | 85 | .237 | 48.4 | 40.0 | E | 8 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 4 |
| 5 | 71.0 | 28.983 | -.120 | 28.863 | 29.79 | 59.0 | 58.0 | 57 | 94 | .465 | 59.8 | 43.0 | S | 6 | | | T | 10 | St | SW | Cloudy | | B DWa L 7.50a | HFC | 5 |
| 6 | 65.0 | 29.388 | -.106 | 29.282 | 30.24 | 29.0 | 28.0 | 26 | 89 | .136 | 31.0 | 26.8 | Sw | 8 | 30 | SW | 0 | 0 | 0 | 0 | Clear | | | HFC | 6 |
| 7 | 64.0 | 29.140 | -.102 | 29.038 | 30.00 | 32.5 | 32.0 | 26 | 75 | .136 | 36.0 | 21.8 | SW | 14 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 7 |
| 8 | 64.0 | 29.471 | -.103 | 29.368 | 30.33 | 20.6 | 18.6 | 14 | 71 | .077 | 36.2 | 20.6 | NW | 12 | | | T | 0 | 0 | 0 | Clear | | | HFC | 8 |
| 9 | 63.0 | 29.230 | -.100 | 29.130 | 30.09 | 26.7 | 24.2 | 20 | 70 | .103 | 29.4 | 11.8 | SW | 24 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 9 |
| 10 | 63.5 | 29.008 | -.101 | 28.907 | 29.86 | 37.8 | 35.3 | 32 | 79 | .180 | 42.1 | 28.0 | NW | 12 | 36 | SW | T | 10 | St | NW | Cloudy | | | HFC | 10 |
| 11 | 67.5 | 29.344 | -.112 | 29.232 | 30.19 | 17.8 | 15.6 | 9 | 65 | .060 | 27.1 | 17.8 | W | 16 | | | T | 0 | 0 | 0 | Clear | | | HFC | 11 |
| 12 | 66.0 | 29.635 | -.109 | 29.526 | 30.51 | 13.6 | 12.0 | 7 | 70 | .054 | 16.3 | -5.2 | SW | 12 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 12 |
| 13 | 68.0 | 29.283 | -.113 | 29.170 | 30.13 | 34.4 | 30.9 | 25 | 67 | .130 | 39.8 | 20.0 | SW | 12 | 30 | SW | 0 | 0 | 0 | 0 | Clear | | | HFC | 13 |
| 14 | 70.0 | 29.174 | -.118 | 29.056 | 30.01 | 38.5 | 35.0 | 30 | 72 | .164 | 47.0 | 26.0 | S | 12 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 14 |
| 15 | 63.5 | 29.041 | -.101 | 28.940 | 29.88 | 40.5 | 39.5 | 38 | 92 | .228 | 44.2 | 36.8 | W | 14 | 30 | SW | .01 | 10 | St | W | Cloudy | | | HFC | 15 |
| 16 | 71.5 | 29.074 | -.121 | 28.953 | 29.90 | 37.8 | 36.8 | 36 | 91 | .211 | 40.0 | 36.5 | E | 8 | | | 0 | 10 | St | E | Cloudy | | | HFC | 16 |
| 17 | 68.0 | 28.952 | -.112 | 28.840 | 29.77 | 42.0 | 38.0 | 33 | 70 | .187 | 50.2 | 41.5 | SW | 12 | 28 | SW | .02 | 0 | 0 | 0 | Clear | | | HFC | 17 |
| 18 | 68.0 | 29.000 | -.112 | 28.888 | 29.84 | 32.0 | 30.0 | 27 | 79 | .143 | 34.9 | 30.0 | W | 12 | ~~28~~ | ~~SW~~ | .01 | 10 | St | W | Cloudy | | | HFC | 18 |
| 19 | 68.5 | 29.084 | -.114 | 28.970 | 29.93 | 27.8 | 24.8 | 19 | 66 | .098 | 29.7 | 25.2 | SE | 8 | | | T | 10 | St | S | Cloudy | | | HFC | 19 |
| 20 | 63.5 | 29.245 | -.101 | 29.144 | 30.09 | 30.0 | 28.0 | 25 | 78 | .130 | 40.3 | 30.0 | W | 16 | 30 | SW | 0 | 10 | St | W | Cloudy | | | HFC | 20 |
| 21 | 68.5 | 29.575 | -.115 | 29.460 | 30.43 | 22.0 | 20.0 | 15 | 72 | .081 | 25.6 | 18.0 | SW | 8 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 21 |
| 22 | 64.0 | 29.489 | -.103 | 29.386 | 30.36 | 26.0 | 22.5 | 14 | 58 | .077 | 32.0 | 23.0 | W | 5 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 22 |
| 23 | 72.0 | 29.123 | -.123 | 29.000 | 29.96 | 31.5 | 30.0 | 28 | 84 | .150 | 35.1 | 16.0 | S | 8 | | | 0 | 6 | St | SW | Pt Cloudy | | | HFC | 23 |
| 24 | 70.0 | 29.265 | -.119 | 29.146 | 30.10 | 34.4 | 30.4 | 24 | 63 | .124 | 38.6 | 24.6 | S | 6 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 24 |
| 25 | 64.0 | 29.375 | -.103 | 29.272 | 30.23 | 34.7 | 32.2 | 29 | 77 | .157 | 41.3 | 27.3 | S | 12 | 25 | SW | 0 | 0 | 0 | 0 | Clear | | | HFC | 25 |
| 26 | 70.5 | 29.120 | -.119 | 29.001 | 29.95 | 34.5 | 34.0 | 34 | 95 | .195 | 42.5 | 29.0 | SW | 10 | | | .03 | 10 | Nb | SW | Lt Snow | | | HFC | 26 |
| 27 | 69.5 | 29.310 | -.117 | 29.193 | 30.15 | 26.6 | 25.1 | 23 | 82 | .118 | 30.1 | 24.2 | W | 12 | | | T | 10 | St | W | Cloudy | | | HFC | 27 |
| 28 | 72.0 | 28.206 | -.124 | 29.082 | 30.03 | 36.8 | 33.3 | 28 | 70 | .150 | 42.1 | 22.0 | S | 12 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 28 |
| 29 | 70.5 | 29.009 | -.119 | 28.890 | 29.84 | 35.3 | 35.3 | 35 | 100 | .203 | 40.4 | 33.8 | S | 14 | | | .04 | 10 | Nb | S | Lt Rain | | | HFC | 29 |
| 30 | 69.5 | 28.979 | -.116 | 28.863 | 29.81 | 35.7 | 33.2 | 30 | 78 | .164 | 37.4 | 35.2 | S | 12 | | | .02 | 0 | 0 | 0 | Clear | | | HFC | 30 |
| 31 | 69.5 | 29.106 | -.1[illegible]6 | 28.990 | 29.94 | 35.0 | 32.0 | 28 | 73 | .150 | 41.7 | 35.0 | SW | 6 | | | 0 | 0 | 0 | 0 | Clear | | | HFC | 31 |
| Sums | | (a) | (a) | 901.963 | 931.48 | 1045.5 | 976.7 | 867 | 2413 | 5.043 | (a) | (a) | (a) | 337 | (a) | (a) | 0.13 | 126 | (a) | (a) | (a) | 0 | 1 | (a) | (a) |
| Means | | (a) | (a) | 29.096 | 30.048 | 33.7 | 31.5 | 28.0 | 77.8 | .163 | (a) | (a) | (c) S-SW | 10.9 | (a) | (a) | (a) | 4.1 | (c) St | (c) W | (a) | (a) | (a) | (a) | (a) |

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1912

| Date. | Temperature. Maximum. (b) | Minimum. (b) | Range. (b) | Change. (b) | Mean. (Max. and Min.) (b) | Normal. | Departure. | Total excess or deficiency since 1st of month. | Precipitation. Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Character. ‡ | Beginning. | Ending. | Total (Mid. to mid.). (b) †† | Normal. | Departure. | Total excess or deficiency since 1st of month. | Hail and sleet unmelted. 7 p.m. to 7 p.m. * †† | Snow unmelted. 7 p.m. to 7 p.m. * †† | Hail, sleet, and snow on ground at 7 p.m. * †† | Amount of precipitation from melted snow (mid. to mid.). | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ° | ° | ° | ° | | | | | | | | | | | | | | | | In. | | | | In. | In. | In. | In. | |
| 1 | 58 | 42 | 16 | 12 | 50 | | | | | | | | | | | | | | | | .20 | | | | 0 | 0 | 0 | 0 | 1 |
| 2 | 54 | 34 | 20 | 6 | 44 | | | | | | | | | | | | | | | | .24 | | | | 0 | 0 | 0 | 0 | 2 |
| 3 | 45 | 34 | 9 | 6 | 38 | | | | | | | | | | | | | | | | T | | | | 0 | 0 | 0 | 0 | 3 |
| 4 | 48 | 38 | 10 | 5 | 43 | | | | | | | | | | | | | | | | .01 | | | | 0 | 0 | 0 | 0 | 4 |
| 5 | 60 | 38 | 22 | 6 | 49 | | | | | | | | | | | | | | | | .02 | | | | 0 | 0 | 0 | 0 | 5 |
| 6 | 59 | 27 | 32 | 6 | 43 | | | | | | | | | | | | | | | | .01 | | | | 0 | 0 | 0 | 0 | 6 |
| 7 | 36 | 22 | 14 | 14 | 29 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 7 |
| 8 | 37 | 19 | 18 | 1 | 28 | | | | | | | | | | | | | | | | T | | | | 0 | T | 0 | T | 8 |
| 9 | 29 | 12 | 17 | 8 | 20 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 9 |
| 10 | 42 | 25 | 17 | 14 | 34 | | | | | | | | | | | | | | | | T | | | | 0 | T | 0 | T | 10 |
| 11 | 35 | 11 | 24 | 11 | 23 | | | | | | | | | | | | | | | | T | | | | 0 | T | 0 | T | 11 |
| 12 | 16 | 5 | 11 | 13 | 10 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 12 |
| 13 | 40 | 12 | 28 | 16 | 26 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 13 |
| 14 | 47 | 26 | 21 | 10 | 36 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 14 |
| 15 | 44 | 35 | 9 | 4 | 40 | | | | | | | | | | | | | | | | .01 | | | | 0 | 0 | 0 | 0 | 15 |
| 16 | 40 | 35 | 5 | 2 | 38 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 16 |
| 17 | 50 | 35 | 15 | 4 | 42 | | | | | | | | | | | | | | | | .07 | | | | 0 | 0 | 0 | 0 | 17 |
| 18 | 35 | 29 | 6 | 10 | 32 | | | | | | | | | | | | | | | | .01 | | | | 0 | 0.1 | T | .01 | 18 |
| 19 | 30 | 25 | 5 | 4 | 28 | | | | | | | | | | | | | | | | T | | | | 0 | T | T | T | 19 |
| 20 | 40 | 25 | 15 | 4 | 32 | | | | | | | | | | | | | | | | T | | | | 0 | 0 | 0 | T | 20 |
| 21 | 26 | 18 | 8 | 10 | 22 | | | | | | | | | | | | | | | | 0 | | | | 0 | T | 0 | 0 | 21 |
| 22 | 32 | 19 | 13 | 4 | 26 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 22 |
| 23 | 35 | 16 | 19 | 0 | 26 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 23 |
| 24 | 39 | 24 | 15 | 6 | 32 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 24 |
| 25 | 41 | 26 | 15 | 2 | 34 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 25 |
| 26 | 42 | 27 | 15 | 0 | 34 | | | | | | | | | | | | | | | | .05 | | | | 0 | T | T | .05 | 26 |
| 27 | 31 | 19 | 12 | 9 | 25 | | | | | | | | | | | | | | | | .01 | | | | 0 | 0.1 | T | .01 | 27 |
| 28 | 42 | 19 | 23 | 5 | 30 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | T | 0 | 28 |
| 29 | 40 | 33 | 7 | 6 | 36 | | | | | | | | | | | | | | | | .21 | | | | 0 | T | 0 | T | 29 |
| 30 | 37 | 35 | 2 | 0 | 36 | | | | | | | | | | | | | | | | .23 | | | | 0 | 0 | 0 | 0 | 30 |
| 31 | 42 | 30 | 12 | 0 | 36 | | | | | | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 31 |
| S. | 1250 | 797 | 453 | 198 | 1023 | | Total excess or deficiency since January 1, | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | 1.07 | | Total excess or deficiency since January 1, | | 0 | 0.2 | (a) | (a) | (a) |
| M. | 40.3 | 25.7 | 14.6 | 6.3 | 33.0 | (a) | | | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | (a) | | | (a) | (a) | (a) | (a) | (a) |

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, $S^d$—dry snow, $S^m$—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Melted as it fell



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# SUMMARY FOR THE MONTH OF December, 1912

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

## PRESSURE.

(Correction to reduce to a 24-hour mean -.006)

| STATION. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. | REDUCED. Mean. 8 a. m. | 8 p. m. | Monthly. (g) | Highest. (h) | Date. | Lowest. (h) | Date. | Absolute range. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.074 | 29.096 | 29.085 | 29.526 | 12 | 28.513 | 30 | 1.013 | 30.024 | 30.048 | 30.036 | 30.51 | 12 | 29.44 | 30 | 1.07 |
| Corrected mean | | 29.079 | | | | | | Corrected mean | | 30.030 | 3,500-ft | | | 10,000-ft | |

## TEMPERATURE.

| MEAN. Dry. 8 a. m. | 8 p. m. | (8+8)÷2 (g) | Wet. 8 a. m. | 8 p. m. | Monthly. (g) | Max. | Min. | Monthly. (g) | Sea-level. (g) | 3,500-ft. (g) | 10,000-ft. (g) | Highest. (i) | Date. (i) | Lowest. (i) | Date. (i) | Absolute range. | Greatest daily range. (i) | Date. (i) | Least daily range. (i) | Date. (i) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.8 | 33.7 | 31.8 | 27.9 | 31.5 | 29.7 | 40.3 | 25.7 | 33.0 | – | – | – | 60 | 5 | 5 | 12 | 55 | 32 | 6 | 2 | 30 |

| Dew-point. 8 a. m. | 8 p. m. | Monthly. (g) | Relative Humidity. 8 a. m. | 8 p. m. | Monthly. (g) | Vapor Pressure. 8 a. m. | 8 p. m. | Monthly. (g) | Number of days with—(j) Maximum. 32° or below. | 90° or above. | Minimum. 32° or below. | Zero or below. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24.2 | 28.0 | 26.1 | 78.1 | 77.8 | 78.0 | .140 | .163 | .152 | 6 | 0 | 21 | 0 |

## WIND.

| Total movement (mid. to mid.). | Average hourly velocity. | Prevailing direction. (p) | Maximum velocity. (r) | Direction. (r) | Date. (r) | Number of times wind observed from the— N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9.931 | 13.3 | SW | 44 | SW | 2 | 0 | 0 | 3 | 2 | 16 | 30 | 8 | 3 | 0 |

## WEATHER.

| Mean Cloudiness. 8 a. m. | 8 p. m. | Monthly. (t) | Sunshine. Percentage of possible. | Number of Days. Clear. | Partly cloudy. | Cloudy. | Number of Days with Precipitation (Mid. to Mid.). Clear. (u) | Partly cloudy. (u) | Cloudy. (u) |
|---|---|---|---|---|---|---|---|---|---|
| 6.1 | 4.1 | 6.4 | 37 | 6 | 10 | 15 | 0 | 3 | 9 |

## MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

| Frosts. Light. | Heavy. | Killing. | Thunderstorms. (v) | Winds. (40 miles or over.) | Solar Halos. | Lunar Halos. | Fog. Light. | Dense. | Haze. Light. | Dense. | Smoke. Light. | Dense. | Hail. | Aurora. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| — | — | — | 0 | 2" | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |

## PRECIPITATION (in inches and hundredths). (m)

| Total amount. | Greatest amount in 24 consecutive hours. Am't. | Date. (k) | Excessive. 2.50 inches in 24 hours. (l) * Am't. | Duration. h. m. | Date. (k) | 1 inch per hour. (l) Am't. | Duration. h. m. | Date. (k) | Number of days with—(Mid. to Mid.). Trace. | .01 or more. | .04 or more. | .25 or more. | 1.00 or more. | Total. | Snow. Trace or more. | .01 or more melted. | Snow. Total depth. (o) | Average depth at end of month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.07 | .44 | 1"–2" and 29"–30 | — | 0 | — | — | 0 | — | 6 | 12 ~~11~~ | 6 | 0 | 0 | 18 ~~17~~ | 9 | 3 | 0.2 | 0 |

(w) Maximum precipitation in 5 minutes .04, date 2"; 10 minutes .06, date 2"; 15 minutes .07, date 2";
30 minutes .11, date 1"–2"; 1 hour .18, date 1"–2"; 2 hours .26, date 1"–2"

## EXCESSIVE.

| Date. | Total Duration. From— | To— | Total am't of precipitation. | Excessive Rate. Began— | Ended— | Am't before excessive began. | Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| None. | | | | | | | | | | | | | | | | | | | | |

*The duration is the time precipitation was actually recorded.

8—154

Prepared by W. S. Palmer, L. H., Weather Bureau.

(9)

*ORIGINAL MONTHLY RECORD OF OBSERVATIONS at* ....., *for the Month of* ....., *191*

*Number of Station barometer,* .....; *sum of corrections,* ..... *inch.*

| Date. | SPECIAL OBSERVATIONS. | | | | | | | | | | | | | | | | | | | | | | | | Date. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Time. | | Barometer. | | | | | Thermometers. | | | | | | Wind. | | | | | Clouds. | | | | | | |
| | 75th Mer. | Local (standard). | Attached thermometer. | Observed reading. | Total correction. | Station. (Observed reading plus total cor.) | Reduced to sea-level. | Dry. | Wet. | Dew-point. | Depression of the dew-point. | Relative humidity. | Maximum thermometer. | Direction. | Velocity.† | Max. since last observation. | Direction. | Precipitation.†† | Am't. | Kind. | Dir. from. | State of Weather. | Special Phenomena. | Initials of Observer. | |
| | | | | | | | None. | | | | | | | | | | | | | | | | | | |

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1002—Met'l.

U. S. Department of Agriculture,

WEATHER BUREAU.

# ANNUAL METEOROLOGICAL SUMMARY

FOR

191.....

STATION:

.....

LOCATION OF OFFICE DECEMBER 31, 191....

*Street,*.....

*Number,*.....

*Room,*.....

SUM OF BAROMETER CORRECTIONS.

*From* .....*m.*.....*to*.....*m.*.....*inc.,*.....*in.*

*From* .....*m.*.....*to*.....*m.*.....*inc.,*.....*in.*

*From* .....*m.*.....*to*.....*m.*.....*inc.,*.....*in.*

ANNUAL METEOROLOGICAL SUMMARY FOR 191....—STATION Fort Wayne, Ind.

Latitude N. 41° 5'. Longitude W. 85° 10'. Local time — h. 41 min. (t) Slower than 75th meridian time.

| MONTHS. | STATION PRESSURE. (Corrected for temperature, instrumental error, gravity, and removal.) Station Elevation of Barometer Cistern Above Mean Sea-Level, 856 Feet. Mean. 8 a. m. (c) | Mean. 8 p. m. (c) | Mean. Corrected monthly. (c) | Highest observed. (c) | Date. | Lowest observed. (c) | Date. | Absolute range. (c) | TEMPERATURE. Elevation of Dry Thermometer Bulb Above Ground on Dec. 31, 113 Feet. Mean. 8 a. m. (d) | Mean. 8 p. m. (d) | From Self-Registering Instruments. Mean. Max. (d) | Mean. Min. (d) | Mean. Monthly. (d) | Highest. (e) | Date. | Lowest. (e) | Date. | Range. Absolute. (e) | Range. Mean daily. (d) | Mean daily change. (d) | No. of Days. Max. 32° or below | Max. 90° or above | Min. 32° or below |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | In. | In. | In. | | In. | | In. | ° | ° | ° | ° | ° | ° | | ° | | ° | ° | ° | | | |
| Jan., | 29.142 | 29.138 | 29.135 | 29.616 | 12" | 28.614 | 8 | 1.002 | 12.4 | 16.3 | 20.9 | 7.4 | 14.2 | 42 | 18 | -14 | 7 | 56 | 13.5 | 5.9 ~~9.5~~ | 26 | 0 | 31 |
| Feb., | 29.064 | 29.071 | 29.063 | 29.549 | 13 | 28.093 | 21 | 1.456 | 16.7 | 22.1 | 27.1 | 12.~~7~~ 6 | 19.~~9~~ 8 | 46 | 18 | -10 | 4 | 56 | 14.4 | 7.1 | 18 | 0 | 27 |
| Mar., | 29.219 | 29.195 | 29.202 | 29.692 | 2" | 28.547 | 29 | 1.145 | 24.1 | 31.0 | 36.0 | 21.2 | 28.6 | 69 | 31 | 7 | 2 | 62 | 14.9 | 5.4 | 10 | 0 | 29 |
| April, | 29.084 | 29.080 | 29.077 | 29.498 | 25 | 28.673 | 22 | 0.825 | 44.3 | 52.8 | 59.4 | 39.8 | 49.6 | 78 | 12 | 25 | 3 | 53 | 19.6 | 7.5 | 0 | 0 | 5 |
| May, | 29.039 | 28.990 | 29.003 | 29.289 | 19 | 28.620 | 28 | 0.669 | 57.7 | 66.0 | 72.9 | 51.7 | 62.3 | 86 | 23 | 34 | 13 | 52 | 21.3 | 4.6 | 0 | 0 | 0 |
| June, | 29.157 | 29.107 | 29.128 | 29.514 | 10 | 28.647 | 15 | 0.867 | 62.7 | 71.9 | 77.5 | 56.7 | 67.1 | 89 | 26 | 43 | 8 | 46 | 20.8 | 3.5 | 0 | 0 | 0 |
| July, | 29.139 | 29.092 | 29.113 | 29.409 | 19 | 28.825 | 24 | 0.584 | 68.6 | 75.3 | 82.2 | ~~71~~ 64.1 | 73.2 | 90 | 24 | 53 | 19 | 37 | 18.1 | 3.7 | 0 | 0 | 0 |
| Aug., | 29.076 | 29.032 | 29.050 | 29.331 | 5 | 28.712 | 22 | 0.619 | 64.2 | 71.5 | 78.5 | 59.4 | 69.0 | 91 | 31 | 47 | 3 | 44 | 19.1 | 3.7 | 0 | 1 | 0 |
| Sept., | 29.~~125~~ 147 | 29.114 | 29.125 | 29.427 | 29 | 28.847 | 18 | 0.580 | 60.4 | 68.4 | 76.4 | 56.1 | 66.2 | 94 | 5 | 35 | 30 | 39 | 20.3 | 5.1 | 0 | 6 | 0 |
| Oct., | 29.180 | 29.135 | 29.152 | 29.531 | 16 | 28.763 | 31 | 0.788 | 46.4 | 56.8 | 65.3 | 42.7 | 54.0 | 82 | 6 | 32 | 24 | 50 | 22.6 | 5.4 | 0 | 0 | 0 |
| Nov., | 29.127 | 29.136 | 29.125 | 29.490 | 16 | 28.700 | 13 | 0.790 | 36.5 | 42.9 | 49.4 | 34.2 | 41.8 | 71 | 11 | 20 | 28 | 51 | 15.2 | 4.7 | 0 | 0 | 15 |
| Dec., | 29.074 | 29.096 | 29.079 | 29.526 | 12 | 28.513 | 30 | 1.013 | 29.8 | 33.7 | 40.3 | 25.7 | 33.0 | 60 | 5 | 5 | 12 | 55 | 14.6 | 6.3 | 6 | 0 | 21 |
| Sum, | 349.448 | 349.186 | 349.258 | Highest. | Date. | Lowest. | Date. | 10.338 | 523.8 | 608.7 | 686.0 | 471.5 | 578.8 | Max. | Date. | Min. | Date. | 621 | 214.5 | 63 ~~56~~.0 | 60 | 7 | 128 |
| Mean, | 29.121 | 29.099 | 29.105 | 29.692 | Mar 2" | 28.093 | Feb. 21" | 0.862 | 43.6 | 50.7 | 57.2 | 39.3 | 48.2 | 94 | Sept. 5" | -14 | Jan 7" | 52 | 17.9 | 5.2 | a | a | a |

a Omit data from this space. c To thousandths. d To tenths. e To whole numbers. f Enter the word "faster," or "slower," as the case may be.

| MONTHS. | CORRECTED MEAN MONTHLY REDUCED PRESSURES AND MEAN MONTHLY REDUCED TEMPERATURES. Sea-Level. Pressure. (c) | Sea-Level. Temperature. (d) | 3,500-foot. Pressure. (b) | 3,500-foot. Temperature. (d) | 10,000-foot. Pressure. (b) | 10,000-foot. Temperature. (d) | DEW-POINT. Mean. 8 a. m. (e) | Mean. 8 p. m. (e) | Mean. Monthly. (e) | RELATIVE HUMIDITY (Percentage). Mean. 8 a. m. (e) | Mean. 8 p. m. (e) | Mean. Monthly. (e) | VAPOR PRESSURE. Mean. 8 a. m. (e) | Mean. 8 p. m. (e) | Mean. Monthly. (e) | PRECIPITATION. (Amount in inches and hundredths.) Elevation of Top of Gage Above Ground Dec. 31, 117 Feet. Total Amount. | Greatest Amount in any 24 Consecutive Hours. Amt. | Greatest Amount in any 24 Consecutive Hours. Date. | Excessive. 2.50 inches in 24 hours. (g) (h) Amt. | Excessive. 2.50 inches in 24 hours. (g) (h) Dur't'n. (h.&m.) | Excessive. 2.50 inches in 24 hours. (g) (h) Date. | Excessive. 1 inch per hour. (g) Amt. | Excessive. 1 inch per hour. (g) Dur't'n. (h.&m.) | Excessive. 1 inch per hour. (g) Date. | SNOWFALL (total depth.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | In. | ° | In. | ° | In. | ° | ° | ° | ° | % | % | % | In. | In. | In. | In. | In. | | In. | | | In. | | | In. |
| Jan., | 30.~~114~~ 106 | | | | | | 8 | 12 | 10 | 82 | 80 | 81 | .068 | .079 | .074 | 1.39 | 1.00 | 18 | — | 0 | — | — | 0 | — | 6.8 |
| Feb., | 30.026 | | | | | | 13 | 16 | 15 | 85 | 77 | 81 | .090 | .099 | .094 | 2.28 | 1.20 | 21 | — | 0 | — | — | 0 | — | 17.6 |
| Mar., | 30.161 | | | | | | 20 | 25 | 22 | 84 | 77 | 80 | .116 | .140 | .128 | 2.72 | 0.71 | 14" 15 | — | 0 | — | — | 0 | — | 21.3 |
| April, | 29.9 ~~31~~ 93 | | | | | | 38 | 45 | 42 | 80 | 77 | 78 | .241 | .315 | .278 | 2.44 | 0.49 | 21, 22 | — | 0 | — | — | 0 | — | T |
| May, | 29.927 | | | | | | 52 ~~55~~ | 56 | 54 | 84 | 71 | 77 | .401 | .451 | .426 | 3.40 | 0.99 | 11 12 | — | 0 | — | — | 0 | — | 0 |
| June, | 30.044 | | | | | | 56 | 60 | 58 | 80 | 68 | 74 | .469 | .536 | .502 | 3.24 | 2.75 | 15 16 | 2.75 | 6-27 | 15-16 | — | 0 | — | 0 |
| July, | 30.025 | | | | | | 64 | 66 | 65 | 85 | 75 | 80 | .604 | .659 | .632 | 3.38 | 1.13 | 21 | — | 0 | — | — | 0 | — | 0 |
| Aug., | 29.962 | | | | | | 60 | 62 | 61 | 84 | 73 | 79 | .523 | .571 | .547 | 5.04 | 2.22 | 17-18 | — | 0 | — | — | 0 | 0 | 0 |
| Sept., | 30.044 | | | | | | 55 | 59 | 57 | 84 | 72 | 78 | .462 | .527 | .494 | 1.94 | 0.60 | 7 | — | 0 | — | — | 0 | — | 0 |
| Oct., | 30.083 | | | | | | 42 | 46 | 44 | 85 | 70 | 77 | .280 | .334 | .307 | 2.47 | 1.00 | 9 10 | — | 0 | — | — | 0 | — | 0 |
| Nov., | 30.068 | | | | | | 30 | 35 | 32 ~~33~~ | 75 | 74 | 75 | .171 | .214 | .192 | 1.23 | 1.00 | 5-6 | — | 0 | — | — | 0 | — | 0.5 |
| Dec., | 30.030 | | | | | | 24 | 28 | 26 | 78 | 78 | 78 | .140 | .163 | .152 | 1.07 | 0.44 | 1-2 29-30 | — | 0 | — | — | 0 | — | 0.2 |
| Sum, | 360.469 | | | | | | 462 | 510 | 486 | 986 | 892 | 938 | 3.565 | 4.088 | 3.826 | 30.60 | a | a | a | a | a | a | a | a | 43.8 |
| Mean, | 30.039 | | | | | | 38 | 42 | 40 | 82 | 74 | 78 | .297 | .341 | .319 | a | 2.75 | June 15-16 | a | a | a | a | a | a | a |

*b* To hundredths. *g* No entry unless the precipitation actually equaled or exceeded 2.50 inches in 24 consecutive hours, or 1 inch per hour, as the case may be. *h* The duration is the time precipitation was actually recorded.

| MONTHS. | MEAN CLOUDINESS. (0 to 10.) 8 a.m. (d) | 8 p.m. (d) | Monthly. (d) | HOURS OF SUNSHINE. Total. | Possible. | Percentage. | WIND. Elevation of Anemometer Cups Above Ground Dec. 31, 124 Feet. Total Movement in Miles. | Prevailing Direction. | Maximum Hourly Velocity During Month. Miles. | From. | Date. | No. of Days with 40 Miles and Over. (h) | Direction. Number of Times Observed Blowing from the— N. | NE. | E. | SE. | S. | SW. | W. | NW. | No. of Calms. | NUMBER OF DAYS. Clear.* | Partly Cloudy.* | Cloudy.* | Precipitation. .01 inch and over. | .04 inch and over. | Snow, trace and over. | Snow, .01 inch and over. | Hail. | Dense Fog. | Thunderstorms. | Auroras. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jan., | 8.2 | 5.4 | 6.9 | 93.5 | 298.2 | 31 | 7,883 | SW | 35 | SW | 9 | 0 | 2 | 7 | 5 | 2 | 6 | 24 | 10 | 6 | 0 | 6 | 6 | 19 | 11 | 6 | 21 | 11 | 0 | 0 | 0 | 0 |
| Feb., | 6.5 | 5.4 | 5.7 | 129.2 | 309.5 | 42 | 7385 | SW | 42 | NE | 21 | 1 | 2 | 6 | 6 | 2 | 7 | 19 | 11 | 5 | 0 | 8 | 8 | 13 | 10 | 7 | 17 | 10 | 0 | 1 | 1 | 0 |
| Mar., | 4.9 | 6.0 | 5.8 | 178.1 | 370.8 | 48 | 7,024 | NE | 35 | NE | 20 | 0 | 8 | 17 | 7 | 5 | 5 | 8 | 4 | 8 | 0 | 11 | 4 | 16 | 14 | 13 | 12 | 11 | 0 | 0 | 0 | 0 |
| April, | 5.5 | 5.1 | 4.7 | 223.8 | 399.9 | 56 | 9,139 | SW | 42 | S | 26 | 1 | 4 | 7 | 5 | 5 | 9 | 15 | 7 | 8 | 0 | 13 | 8 | 9 | 12 | 10 | 2 | 1 | 1 | 0 | 5 | 0 |
| May, | 5.4 | 5.6 | 4.1 | 292.6 | 449.0 | 65 | 7316 | SW | 38 | NW | 8 | 0 | 4 | 7 | 4 | 10 | 10 | 13 | 10 | 4 | 0 | 15 | 9 | 7 | 13 | 12 | 0 | 0 | 1 | 0 | 10 | 0 |
| June, | 4.0 | 4.5 | 3.2 | 331.8 | 452.6 | 73 | 5,633 | SW | 30 | SW | 2 | 0 | 4 | 9 | 4 | 3 | 4 | 19 | 7 | 10 | 0 | 17 | 9 | 4 | 9 | 6 | 0 | 0 | 0 | 0 | 5 | 0 |
| July, | 5.5 | 5.5 | 4.4 | 297.7 | 458.3 | 65 | 5,374 | SW | 25 | S | 8 | 0 | 7 | 8 | 4 | 5 | 11 | 15 | 4 | 7 | 1 | 10 | 17 | 4 | 10 | 9 | 0 | 0 | 0 | 0 | 9 | 0 |
| Aug., | 6.2 | 4.9 | 4.3 | 258.1 | 426.9 | 60 | 5,992 | SW | 40 | NW | 17 | 1 | 8 | 7 | 3 | 3 | 9 | 20 | 5 | 5 | 0 | 11 | 15 | 5 | 13 | 13 | 0 | 0 | 0 | 0 | 11 | 0 |
| Sept., | 4.9 | 3.9 | 4.6 | 249.2 | 374.0 | 67 | 4,878 | SW | 26 | SW | 25 | 0 | 8 | 4 | 5 | 11 | 6 | 13 | 5 | 7 | 1 | 12 | 11 | 7 | 9 | 7 | 0 | 0 | 0 | 2 | 3 | 0 |
| Oct., | 4.8 | 2.7 | 4.1 | 220.0 | 344.1 | 64 | 6,578 | SW | 36 | SW | 12 | 0 | 0 | 5 | 5 | 7 | 14 | 14 | 3 | 14 | 0 | 14 | 9 | 8 | 7 | 6 | 0 | 0 | 0 | 0 | 3 | 0 |
| Nov., | 5.7 | 3.8 | 5.7 | 129.4 | 297.0 | 44 | 8,595 | SW | 33 | W | 13 | 0 | 0 | 0 | 0 | 1 | 13 | 29 | 10 | 7 | 0 | 12 | 4 | 14 | 8 | 4 | 6 | 2 | 0 | 0 | 0 | 0 |
| Dec., | 6.1 | 4.1 | 6.4 | 106.5 | 287.3 | 37 | 9,931 | SW | 44 | SW | 2 | 1 | 0 | 0 | 3 | 2 | 16 | 30 | 8 | 3 | 0 | 6 | 10 | 15 | 12 | 6 | 9 | 3 | 0 | 1 | 0 | 0 |
| Sum, | 67.7 | 56.9 | 59.9 | 2509.9 | 4410.0 | 652 | 85728 | a j | a j | a j | a j | 4 | 47 | 77 | 51 | 58 | 110 | 219 | 84 | 84 | 2 | 135 | 110 | 121 | 128 | 99 | 67 | 38 | 2 | 4 | 47 | 0 |
| Mean, | 5.6 | 4.7 | 5.0 | 209.2 | 367.0 | 54 | a | SW | 44 | SW | Dec 2" | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |

h Days with 40 miles per hour and over. j One entry only. *From sunrise to sunset.

| MONTHS. | WIND. | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MEAN HOURLY VELOCITY. | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 a. m. | 2 a. m. | 3 a. m. | 4 a. m. | 5 a. m. | 6 a. m. | 7 a. m. | 8 a. m. | 9 a. m. | 10 a. m. | 11 a. m. | 12 Noon. | 1 p. m. | 2 p. m. | 3 p. m. | 4 p. m. | 5 p. m. | 6 p. m. | 7 p. m. | 8 p. m. | 9 p. m. | 10 p. m. | 11 p. m. | 12 Mid't. | FOR THE MONTH. |
| Jan., | 9.9 | 9.3 | 9.5 | 9.2 | 9.5 | 10.0 | 10.3 | 10.5 | 11.3 | 12.4 | 12.4 | 12.6 | 13.2 | 12.9 | 12.2 | 11.6 | 10.1 | 9.7 | 9.8 | 9.7 | 9.8 | 9.8 | 9.5 | 9.0 | 10.6 |
| Feb., | 9.8 | 10.2 | 10.4 | 9.9 | 10.0 | 9.8 | 9.8 | 10.2 | 10.3 | 10.9 | 11.2 | 11.4 | 12.2 | 12.0 | 12.1 | 11.8 | 11.0 | 10.5 | 10.7 | 10.5 | 10.1 | 9.9 | 9.9 | 9.9 | 10.6 |
| Mar., | 8.3 | 8.3 | 8.4 | 8.7 | 8.5 | 8.4 | 8.6 | 9.2 | 10.1 | 10.5 | 10.9 | 11.0 | 11.6 | 11.5 | 11.1 | 11.0 | 10.2 | 9.3 | 8.7 | 8.8 | 8.5 | 8.3 | 8.4 | 8.5 | 9.4 |
| April, | 10.1 | 10.0 | 10.4 | 10.4 | 10.4 | 10.6 | 11.7 | 13.4 | 14.6 | 15.2 | 15.6 | 15.5 | 17.0 | 16.5 | 15.8 | 16.1 | 15.6 | 13.4 | 11.6 | 10.1 | 10.1 | 10.5 | 10.4 | 9.7 | 12.7 |
| May, | 8.0 | 7.7 | 7.6 | 7.5 | 7.5 | 8.2 | 8.8 | 10.2 | 11.1 | 11.0 | 11.9 | 12.3 | 13.5 | 13.2 | 12.7 | 12.9 | 11.7 | 10.3 | 8.6 | 8.1 | 8.4 | 8.4 | 8.5 | 7.8 | 9.8 |
| June, | 5.9 | 5.8 | 5.8 | 5.9 | 5.2 | 5.7 | 7.0 | 7.9 | 8.6 | 9.3 | 9.4 | 9.7 | 10.3 | 10.6 | 10.4 | 11.0 | 10.3 | 8.7 | 7.1 | 6.8 | 6.8 | 6.8 | 6.3 | 6.3 | 7.8 |
| July, | 6.2 | 6.3 | 6.4 | 5.7 | 5.5 | 5.6 | 6.5 | 6.9 | 7.3 | 8.1 | 8.2 | 8.6 | 9.6 | 10.3 | 9.7 | 9.6 | 8.5 | 7.5 | 6.6 | 5.7 | 6.2 | 6.5 | 6.1 | 5.8 | 7.2 |
| Aug., | 6.7 | 6.8 | 7.0 | 7.0 | 6.5 | 6.6 | 7.5 | 8.3 | 9.2 | 9.6 | 9.9 | 10.7 | 11.5 | 10.9 | 10.7 | 9.8 | 8.5 | 8 7.9 | 6.5 | 6.4 | 6.5 | 6.2 | 6.2 | 6.3 | 8.1 |
| Sept., | 5.1 | 5.2 | 5.5 | 5.6 | 5.8 | 5.6 | 6.3 | 7.3 | 8.0 | 8.0 | 8.2 | 8.5 | 9.4 | 8.8 | 8.9 | 8.9 | 7.7 | 6.2 | 6.8 5 | 6.1 | 5.7 | 5.5 | 5.3 | 5.4 | 6.8 |
| Oct., | 8.2 | 7.6 | 7.6 | 7.8 | 7.5 | 8.0 | 8.0 | 8.4 | 9.5 | 10.6 | 11.5 | 11.4 | 11.8 | 11.7 | 10.8 | 10.2 | 8.3 | 7.9 | 7.5 | 7.3 | 7.7 | 7.6 | 7.5 | 7.7 | 8.8 |
| Nov., | 10.1 | 10.2 | 10.5 | 10.8 | 11.1 | 11.6 | 11.5 | 11.9 | 12.7 | 14.2 | 14.7 | 14.6 | 15.7 | 15.4 | 14.4 | 13.0 | 10.8 | 10.3 | 10.8 | 10.9 | 10.7 | 10.1 | 10.0 | 10.2 | 11.9 |
| Dec., | 12.5 | 12.9 | 13.0 | 13.4 | 13.2 | 13.1 | 13.0 | 13.7 | 14.5 | 15.1 | 16.2 | 15.5 | 16.0 | 15.5 | 14.7 | 12.9 | 11.6 | 11.2 | 11.4 | 12.3 | 11.9 | 12.2 | 12.2 | 12.3 | 13.5 |
| Sum, | 100.8 | 100.3 | 102.1 | 101.9 | 100.7 | 103.2 | 109.0 | 117.9 | 127.2 | 134.9 | 140.1 | 141.8 | 157.8 | 149.3 | 143.5 | 138.8 | 124.3 | 112.9 | 105.1 | 102.7 | 102.5 | 101.8 | 100.3 | 98.9 | 117.0 |
| Mean, | 8.4 | 8.4 | 8.5 | 8.5 | 8.4 | 8.6 | 9.1 | 9.8 | 10.6 | 11.2 | 11.7 | 11.8 | 12.6 | 12.4 | 12.0 | 11.6 | 10.4 | 9.4 | 8.8 | 8.6 | 8.5 | 8.5 | 8.4 | 8.2 | 9.8 |

| MONTHS. | MEAN HOURLY ATMOSPHERIC TEMPERATURE.—(By Richards' Thermograph.) | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 a. m. | 2 a. m. | 3 a. m. | 4 a. m. | 5 a. m. | 6 a. m. | 7 a. m. | 8 a. m. | 9 a. m. | 10 a. m. | 11 a. m. | 12 Noon. | 1 p. m. | 2 p. m. | 3 p. m. | 4 p. m. | 5 p. m. | 6 p. m. | 7 p. m. | 8 p. m. | 9 p. m. | 10 p. m. | 11 p. m. | 12 Mid't. | For the Month. |
| Jan., | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb., | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar., | | | | | | | | | | | | | | | | | | | | | | | | | |
| April, | | | | | | | | | | | | | | | | | | | | | | | | | |
| May, | | | | | | | | | | | | | | | | | | | | | | | | | |
| June, | | | | | | | | | | | | | | | | | | | | | | | | | |
| July, | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aug., | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sept., | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oct., | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nov., | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dec., | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sum, | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mean, | | | | | | | | | | | | | | | | | | | | | | | | | |

*Prepared by* .....

F. S. Ritchie

*Weather Bureau.*



8—272

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 1 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 18 | 18 | 17 | 16 | 15 | 15 | 15 | 15 | 14 | 14 | 18 | 22 | 24 | 26 | 28 | 27 | 27 | 26 | 26 | 25 | 25 | 24 | 23 | 22 |
| State of weather: Nature of precipitation and time of beginning and end | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cldy | × | clear | | | | clear | × | Pt Cldy | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 7.06 Character, Cloudy | | | | | | | 0 | 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0 | 0 | | | | Sunset: Time, 4.23 Character, cloudy | | | |
| Wind direction | SW | SW | SW | W | SW | SW | SW | SW | SW | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 21 | 21 | 18 | 15 | 16 | 16 | 17 | 17 | 14 | 12 | 10 | 10 | 11 | 11 | 12 | 13 | 10 | 10 | 9 | 9 | 8 | 8 | 6 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

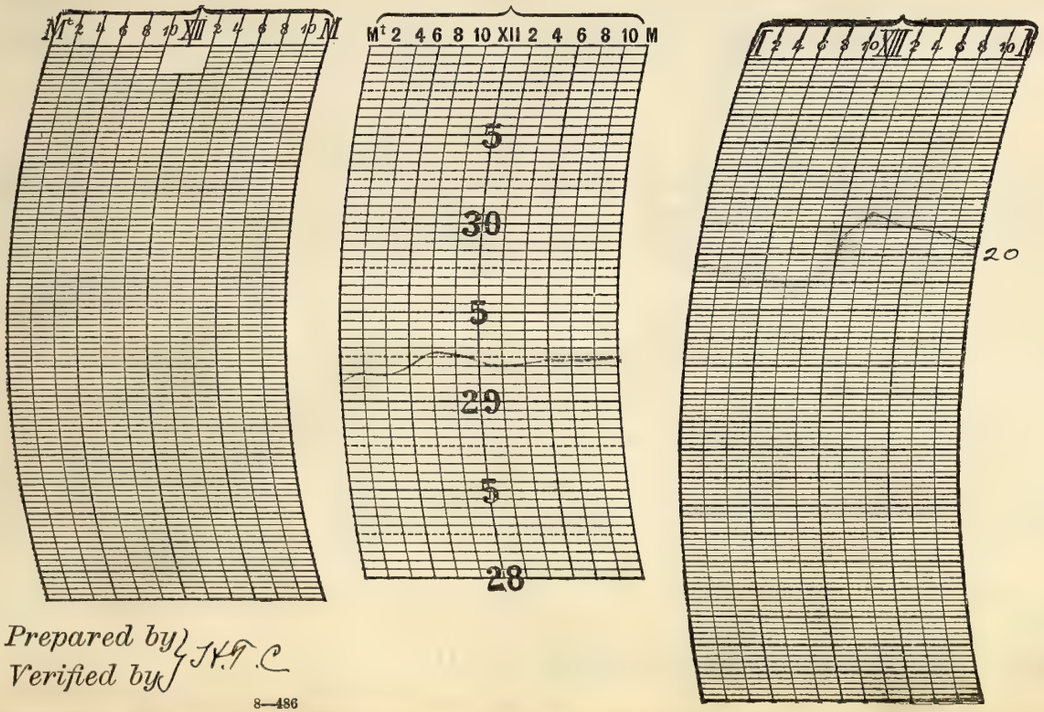
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 28 | 14 | 21 | |

Total depth of snow for 24 hours ending 7 p. m., T 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 4
Actual sunshine, hours, 5.8
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 62
Prevailing direction SW
Total movement, 299
Average hourly velocity, 12.5

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 24 Ex 26 | SW | 12.20 a.m. |

Relative humidity, 86 a. m. 64 p. m.
Reduced barometer, 30.22 a. m. 30.17 p. m.
River gage, 7.00 a.m. 6.3 ft

NOTES.




Prepared by
Verified by J.H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 1 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 21 | 20 | 20 | 19 | 19 | 20 | 22 | 22 | 23 | 24 | 25 | 27 | 25 | 25 | 26 | 24 | 22 | 20 | 18 | 16 | 15 | 14 | 13 | 13 |
| | | | | | | | | | S B 8.00 | | | | | | | | S E 5.00 | | | | | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Pt Cloudy → | | | | ← Cloudy | | | | | | | | | | | |
| Sunrise: Time, 7.06 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.24 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0.6 | 0.8 | 0.7 | 0.1 | 0.2 | 0 | 0 | 0 | | | | | | | |
| Wind direction | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | NW | NW | NW | NW | NW | N | N | N | N |
| Wind movement | 4 | 4 | 4 | 5 | 5 | 3 | 4 | 4 | 6 | 5 | 6 | 7 | 9 | 9 | 9 | 9 | 6 | 8 | 10 | 9 | 6 | 4 | 6 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

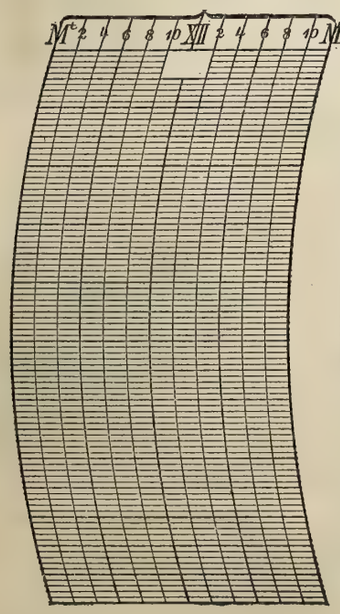
1 hours slower than 75th meridian time.

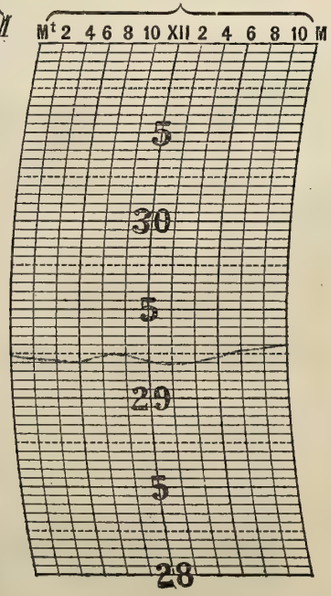
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 27 | 13 | 20 | |

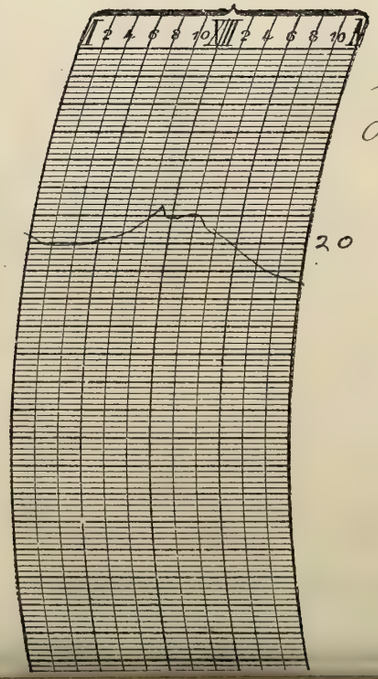
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., ~~0~~ T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 2.4
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 26
Prevailing direction SW
Total movement, 146
Average hourly velocity, 6.1

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 Ex 12 | N | 6.53 p.m. |

Relative humidity, 83 a. m. 76 p. m.
Reduced barometer, 30.17 a. m. 30.22 p. m.
River gage, 7.00 a.m. 5.9 ft.




NOTES.

Snow flurries occurred during the day from 8.00 a.m. to 5.00 p.m.

Prepared by
Verified by } H.T.C

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 3 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 12 | 12 | 11 | 11 | 10 | 9 | 10 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 23 | 23 | 22 | 22 | 24 | 23 | 22 | 21 | 20 | 18 |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | | Clear | Pt Cloudy | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | | 90 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.1 | 0 | 0 | | | | | | | |
| Wind direction | N | N | N | NE | NE | N | NE | NE | NE | NE | E | E | E | NE | NE | E | E | E | SE | S | S | SW | W | W |
| Wind movement | 6 | 5 | 5 | 5 | 7 | 8 | 7 | 7 | 7 | 8 | 5 | 5 | 3 | 5 | 4 | 4 | 3 | 2 | 3 | 3 | 3 | 4 | 5 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 7.06 Character, Clear

Sunset: Time, 4.25 Character, Cloudy

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 24 | 9 | 16 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 6.9

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 74

Prevailing direction NE

Total movement, 120

Average hourly velocity, 5.0

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 10 | NE | 8.30 a.m. |

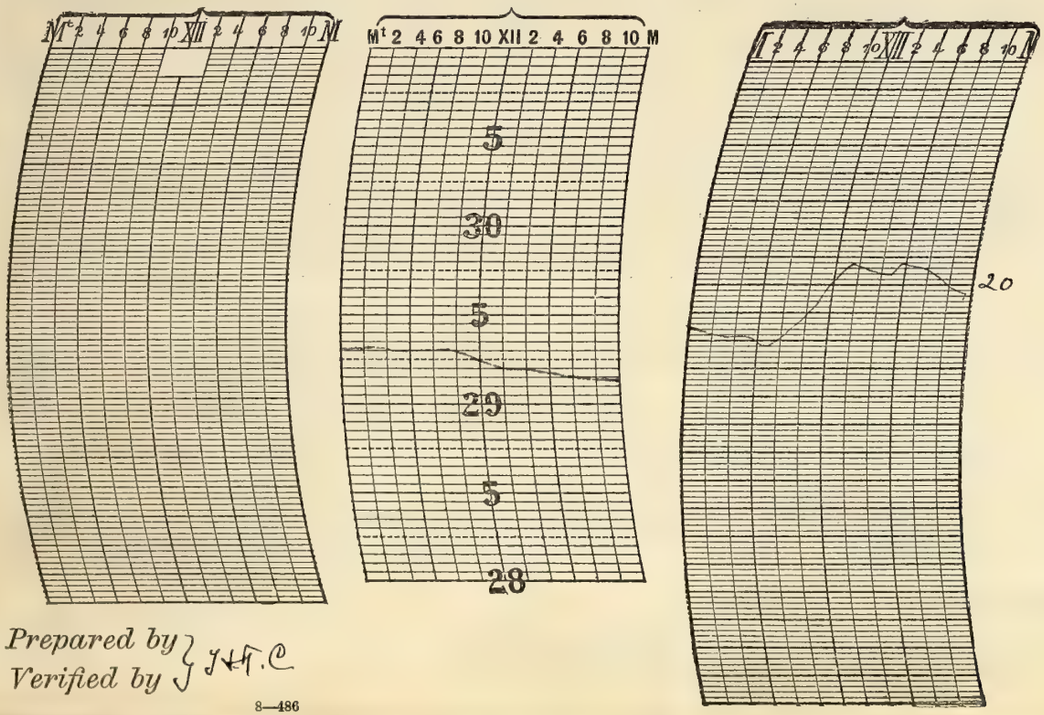
Ex 10

Relative humidity, 87 a. m. 74 p. m.

Reduced barometer, 30.26 a. m. 30.11 p. m.

River gage, 7.00 a.m. 5.6 ft

NOTES.




Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 4 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 18 | 17 | 15 | 14 | 12 | 11 | 10 | 10 | 13 | 12 | 11 | 12 | 11 | 9 | 8 | 6 | 5 | 3 | 2 | ±0 | -2 | -3 | -4 | -4 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | SB 10.00 | | | | | | SE 3.30 | | | | | | | SB DN | SE DN |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — Cloudy — | | | | | — Cloudy — | | | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 7.06 Character, Cloudy | | | | | | | 0 | 0 | 0.3 | 0 | 0 | 0.4 | 0.1 | 0 | 0 | 0 | | | | Sunset: Time, 4.26 Character, Cloudy | | | |
| Wind direction | W | W | W | SW | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | W | SW | SW | W | W | W | W |
| Wind movement | 6 | 7 | 8 | 10 | 10 | 11 | 11 | 14 | 15 | 20 | 20 | 23 | 25 | 26 | 24 | 22 | 19 | 22 | 22 | 22 | 21 | 20 | 20 | 21 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | 30 SW 12.45 | 31 SW 1.40 | | | | | | 30 SW 7.22 | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 18 | -4 | 7 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, Full Moon

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 0.8

Possible sunshine, hours, 7.3

Percentage of possible sunshine, 9

Prevailing direction SW, W

Total movement, 419

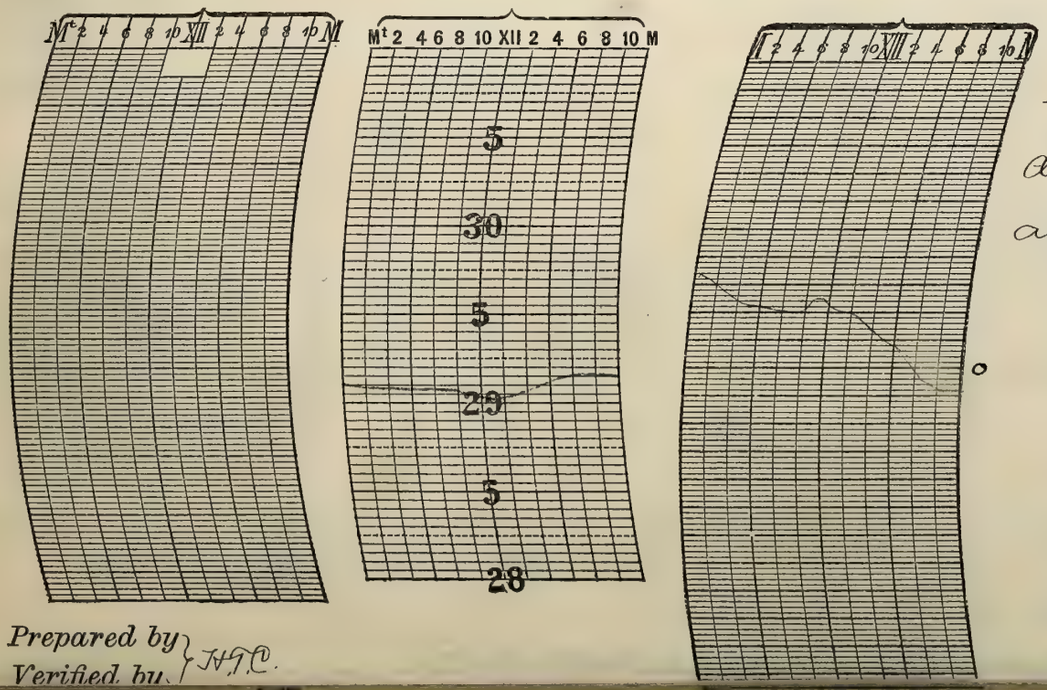
Average hourly velocity, 17.5

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 31 | SW | 1.45 |

Relative humidity, 79 a. m. 76 p. m.

Reduced barometer, 30.02 a. m. 30.12 p. m.

River gage, 7.00 a.m. 5.2 ft




NOTES.

Snow flurries occurred during the day from 10.00 am. till 3.30 pm. and also between 10.00 pm and midnight

Prepared by
Verified by } J.H.T.C.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 5 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | -5 | -6 | -6 | -6 | -6 | -6 | -5 | -6 | -4 | -4 | -4 | -2 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0.1 | 1.0 | 1.0 | 0.8 |
| Wind direction | W | W | W | SW | SW | SW | W | W | W | W | W | W |
| Wind movement | 20 | 19 | 19 | 20 | 18 | 21 | 23 | 22 | 23 | 27 | 27 | 27 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | 30 W 5.45 | | | 31 W 8.50 | 33 W 9.45 | 32 W 10.30 | 32 W 11.30 |

Sunrise: Time, 7.06 Character, Cloudy

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 0 | 0 | -1 | -1 | -1 | -1 | -1 | -2 | -3 | -4 | -5 | -5 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | Clear | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 0.6 0.4 | 0.45 0 | | | | | | | |
| Wind direction | W | W | W | W | W | W | SW | W | SW | W | W | W |
| Wind movement | 26 | 24 | 20 | 18 | 13 | 13 | 14 | 14 | 12 | 10 | 9 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | 31 W 12.45 | | | | | | | | | | | |

Sunset: Time, 4.27 Character, Clear

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hours slower than 75th meridian time.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 0 | -6 | -3 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2.

Actual sunshine, hours, 7.3

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 78

Prevailing direction W

Total movement, 448

Average hourly velocity, 18.7

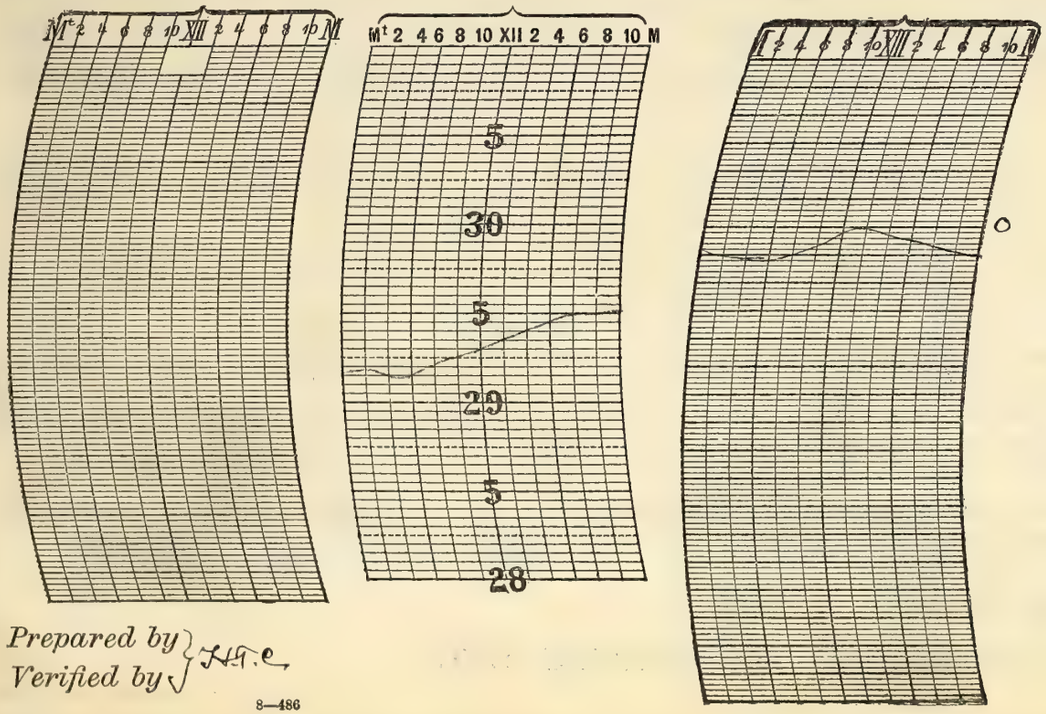
Maximum velocity, 33 & 36 Direction, W Time. 9.45 a.m.

Relative humidity, 75 a. m. 86 p. m.

Reduced barometer, 30.18 a. m. 30.48 p. m.

River gage, 7.00 a.m. 4.3 ft.

NOTES.




Prepared by } H.F.C.
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 6 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | -5 -4 | -3 | -4 | -3 | -3 | -1 | 0 | 0 | 1 | 1 | 1 | 0 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | SB 7.05 | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | |
| Sunrise: Time, Character | Time 7.06 | | Character Cloudy | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0 | 0 | 0 |
| Wind direction | W | SW | SW | SW | SW | SW | SW | SW | S | SE | SE | E |
| Wind movement | 7 | 6 | 6 | 6 | 5 | 5 | 2 | 4 | 4 | 4 | 4 | 3 |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 1 | 2 | 4 | 1 | 1 | 2 | 2 | 1 | 0 | -1 | -2 | -4 |
| State of weather: Nature of precipitation and time of beginning and ending | | | SE 3.00 | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | Cloudy | | | | | | | | | | |
| Sunset: Time, Character | | | | | | | | | Time 4.28 | | Character Cloudy | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SE | SE | E | NE | NE | NE | NE | NW | NW | NW | W | W |
| Wind movement | 5 | 3 | 3 | 4 | 5 | 3 | 3 | 4 | 6 | 8 | 8 | 8 |

Maximum velocities (exceeding 29 miles) direction and time

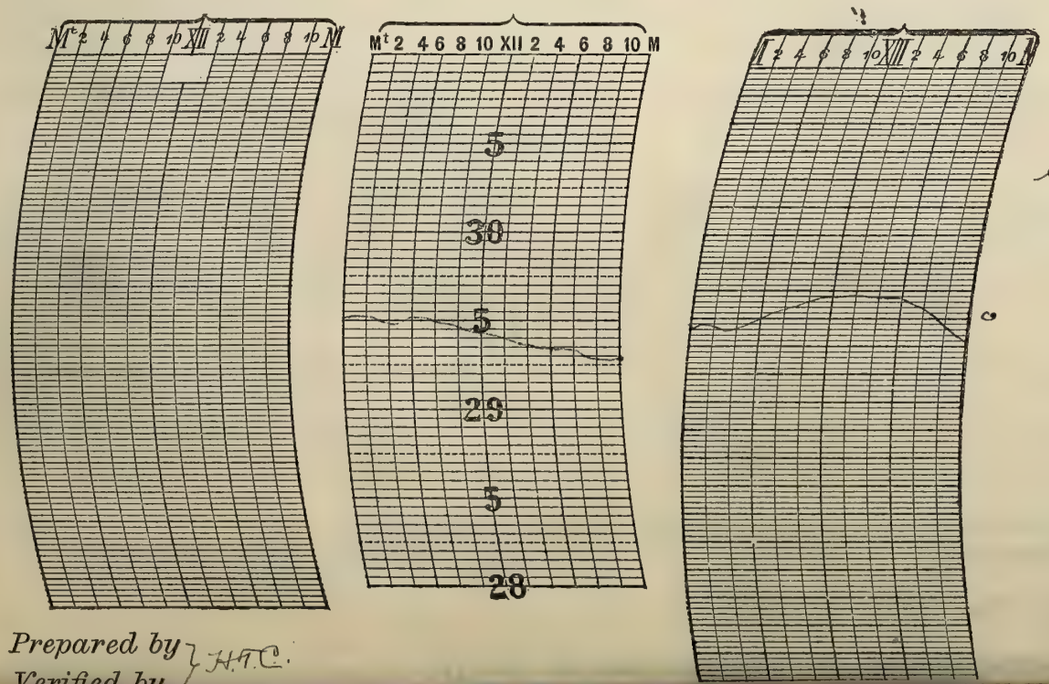
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 4 | -5 | 0 | |

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.
Snow on ground 7 p. m., 0.5 inches.
Total snowfall, midnight to midnight, 0.5 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.4 ins.
Total precipitation, midnight to midnight, 0.4 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 0
Prevailing direction SW
Total movement, 116
Average hourly velocity, 4.8

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 Ex 12 | W | 11.00 p.m. |

Relative humidity, 84 a. m. 76 p. m.
Reduced barometer, 30.49 a. m. 30.29 p. m.
River gage, 7.00 a.m. 5.30 p.m.

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |




NOTES.

Light snow began at 7.05 a.m. and continued during the day till 3.00 p.m.

Prepared by } H.T.C.
Verified by }

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 7 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | -5 | -8 | -10 | -11 | -12 | -14 | -14 | -14 | -13 | -8 | -5 | -2 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — | Clear | — | | | | |
| Sunshine (in tenths of hours) | | | | | | | | .90 0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | W | SW | SW | SW |
| Wind movement | 9 | 11 | 13 | 12 | 13 | 12 | 13 | 13 | 12 | 12 | 10 | 9 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 0 | 0 | -1 | -1 | 2 | -3 | -2 | -2 | -3 -2 | -2 | -1 | 0 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | — | Clear | — | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | .0 .8 | .2 .48 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | S | S | SE | SE | SE | SE | SE |
| Wind movement | 10 | 10 | 11 | 10 | 7 | 8 | 7 | 6 | 8 | 7 | 5 | 6 |

Sunrise: Time, 7.06; Character, Clear

Sunset: Time, 4.29; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 0 | -14 | -7 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.5 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 9.4

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 234

Average hourly velocity, 9.8

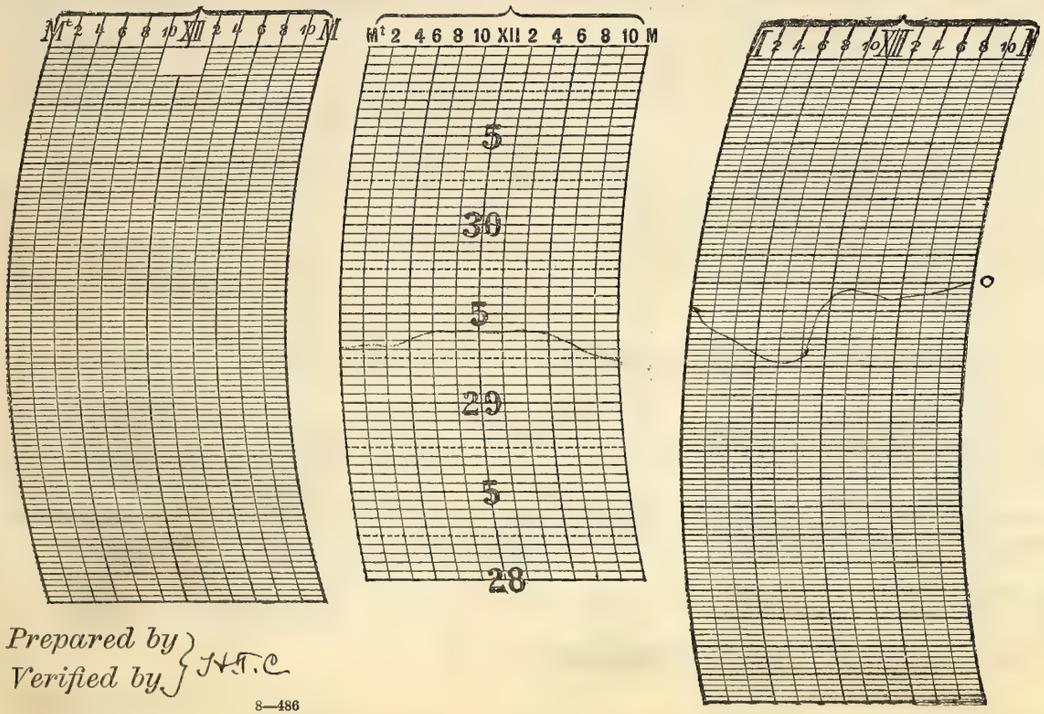
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 Ex 18 | SW | 2.40 a.m |

Relative humidity, 88 a. m. 85 p. m.

Reduced barometer, 30.33 a. m. 30.32 p. m.

River gage, 7.00 a.m. 5.2 ft

NOTES.




Prepared by } H.T.C
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 8 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 1 | 2 | 3 | 4 | 5 | 7 | 9 | 10 | 14 | 18 | 20 | 18 | 14 | 13 | 12 | 10 | 8 | 6 | 4 | 2 | 0 | -1 | -2 | -3 |
| | | | | | SB DN | | | | | | | | | | | | | | | | SE 8.30 | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — | | Cloudy | | | — | | — | | Cloudy | | | — | | | | | | |
| | Sunrise: Time, 7.06 Character, Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.30 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | E | E | E | E | E | E | SE | SE | S | S | SW | SW | SW | SW | W | W | W | W | W | W | SW | W | W | SW |
| Wind movement | 4 | 8 | 8 | 6 | 9 | 9 | 10 | 9 | 10 | 10 | 15 | 16 | 16 | 15 | 14 | 12 | 14 | 16 | 17 | 18 | 20 | 21 | 19 | 18 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

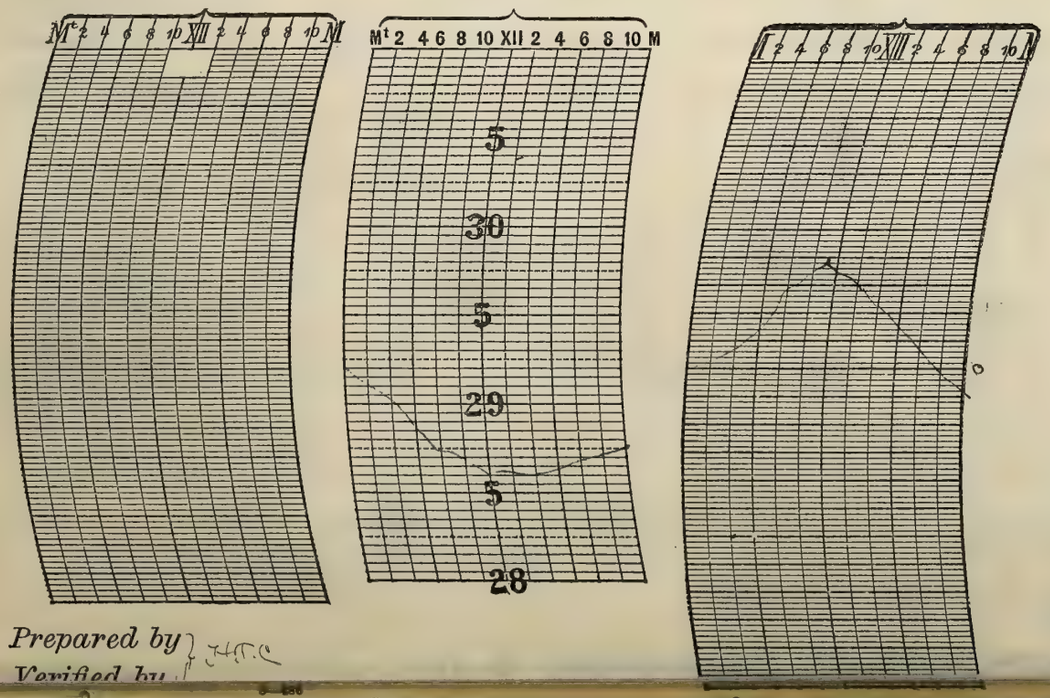
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 20 | -3 | 12 | |

Total depth of snow for 24 hours ending 7 p. m., 1.6 inches.
Snow on ground 7 p. m., 2.1 inches.
Total snowfall, midnight to midnight, 1.6 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 0
Prevailing direction W
Total movement, 319
Average hourly velocity, 13.3

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 26 Ex 27 | SW | 9.55 p.m. |

Relative humidity, 95 a. m. 84 p. m.
Reduced barometer, 29.72 a. m. 29.57 p. m.
River gage, 7.00 a.m. 5.0 ft.

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |




NOTES.

Dry, light snow fell during the day.

Prepared by
Verified by

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind.; (Day of week) Tuesday, (Date) JAN 9 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | -3 | -4 | -2 | -2 | -2 | -1 | 0 | 0 | 1 | 2 | 3 | 4 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | |
| Sunrise: Time, 7.06 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0.8 | 1.0 | 1.0 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W |
| Wind movement | 17 | 16 | 18 | 20 | 18 | 21 | 23 | 20 | 23 | 27 | 28 | 28 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | 30 SW 8.30 | 34 SW 9.40 | 33 SW 10.45 | 33 W 11.50 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 4 | 4 | 5 | 6 5 | 4 | 4 | 4 | 3 | 2 | 2 | 1 | 0 |
| State of weather: Nature of precipitation and time of beginning and ending | SB 12.20 SE 1.00p | | | | | | | | | | | |
| Amounts of precipitation | T | | | | | | | | | | | |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunset: Time, 4.31 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0.7 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | W | W | W | W | SW | SW | SW | SW | W | W |
| Wind movement | 28 | 28 | 27 | 22 | 19 | 18 | 14 | 14 | 14 | 12 | 10 | 8 |
| Maximum velocities (exceeding 27 miles) direction and time | 35 SW 12.32 | 33 SW 1.45 | 31 W 2.10 | | | | | | | | | |

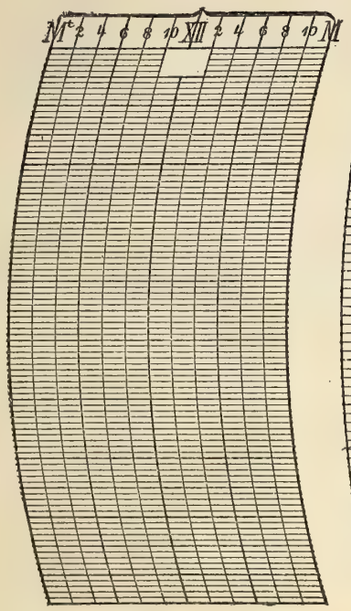
| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

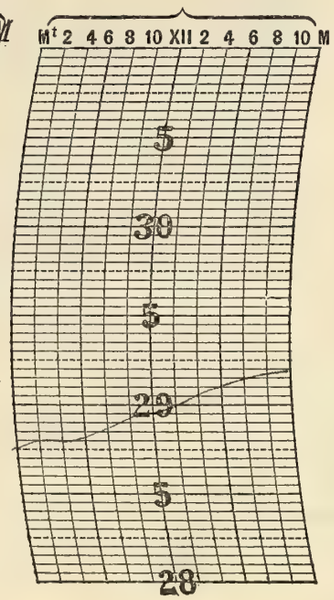
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

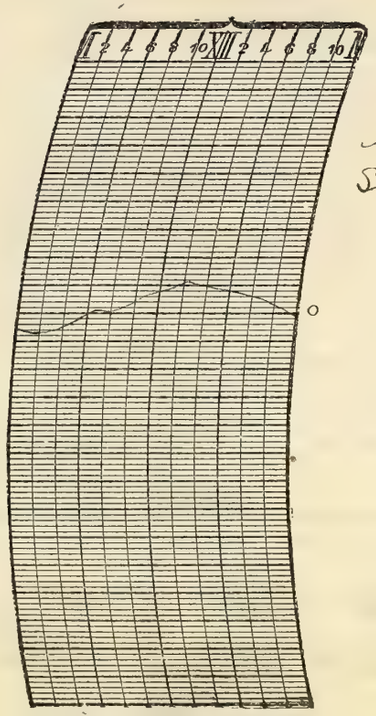
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 6 | -4 | 1 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., 2.0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 7
Actual sunshine, hours, 3.5
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 37
Prevailing direction SW
Total movement, 473
Average hourly velocity, 19.9

Maximum velocity, 35 Direction, SW Time, 12.32 p m.
Ex 37
Relative humidity, 80 a. m. 78 p. m.
Reduced barometer, 29.81 a. m. 30.09 p. m.
River gage, 7.00 a m 3.9 ft.





NOTES.

A solar halo was visible from 7.00 a.m. to 7.45 a.m.
Snow flurries occurred from noon to 1.00 p.m.

Prepared by
Verified by J.H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 10 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 0 | -1 | -2 | -2 | -2 | -1 | 0 | 1 | 1 | 4 | 6 | 8 | 9 | 10 | 11 | 10 | 9 | 9 | 8 | 7 | 6 | 5 | 4 | 3 |
| | | | | | | | SB 6.00 | | | | | SE 11.30 | | | | | | | | | | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Pt Cloudy — | | | | | | — Pt cloudy — | | | | | | | | | | | |
| Sunrise: Time, 7.06 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.32 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0.3 | 0.9 | 1.0 | 0.8 | 0.7 | 1.0 | 0.5 0.5 | 0.3 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | NW | NW | NW | NW | NW | NW | NW | N | N | N | N | N |
| Wind movement | 9 | 8 | 8 | 8 | 9 | 9 | 8 | 9 | 9 | 8 | 9 | 9 | 11 | 9 | 8 | 7 | 5 | 5 | 4 | 3 | 4 | 4 | 5 | 5 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 11 | -2 | 6 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 1.9 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 6.2

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 66

Prevailing direction SW

Total movement, 17.3

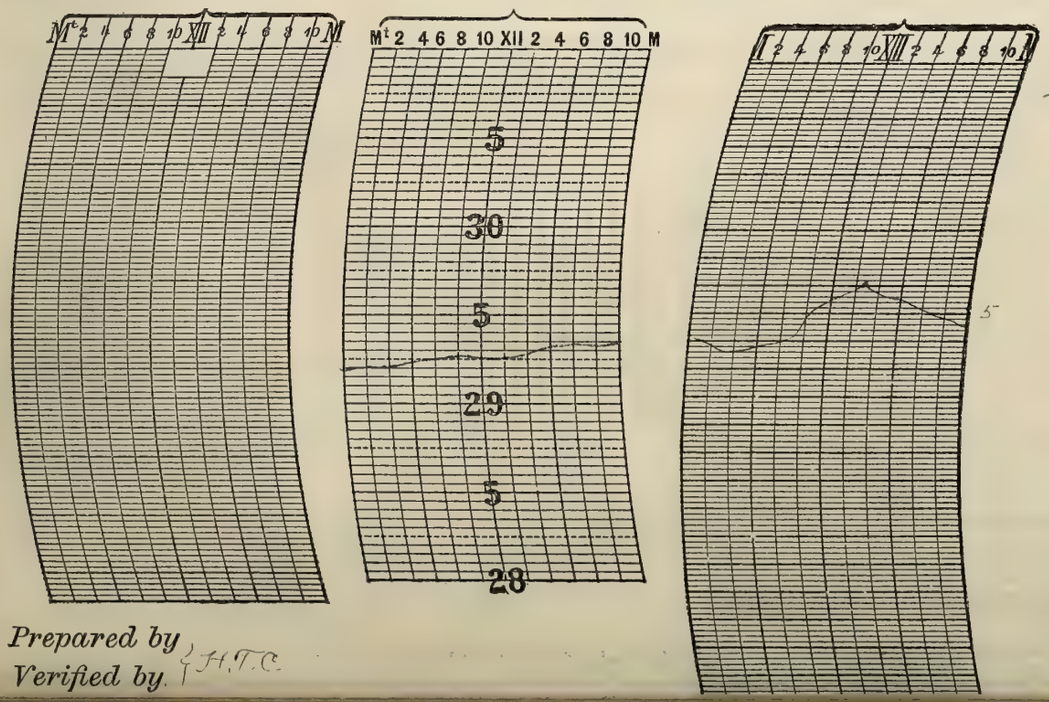
Average hourly velocity, 7.2

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 Ex 12 | NW | 1.00 p.m. |

Relative humidity, 80 a. m. 77 p. m.

Reduced barometer, 30.20 a. m. 30.26 p. m.

River gage, 7.00 a.m. 3.9 ft.




NOTES.

Snow flurries occurred from 6.00 a.m. to 11.30 a.m.

Prepared by
Verified by } H.T.C.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 11 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 5 | 7 | 8 | 8 | 8 | 8 | 8 | 7 | 8 | 8 | 9 | 9 |
| Nature of precipitation and time of beginning and ending | | | | | | | | SB 7.30 | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0 | 0 | 0 |
| Wind direction | N | N | NE | NE | N | N | NE | NE | NE | NE | NE | NE |
| Wind movement | 4 | 4 | 3 | 3 | 4 | 5 | 6 | 6 | 6 | 10 | 8 | 10 |

Sunrise: Time, 7.05; Character, Cloudy

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 9 | 9 | 9 | 10 | 9 | 8 | 7 | 5 | 4 | 3 | 3 | 3 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | N | N | NE | NE | NE | NE |
| Wind movement | 13 | 10 | 13 | 13 | 12 | 13 | 14 | 13 | 15 | 14 | 13 | 10 |

Sunset: Time, 4.33; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

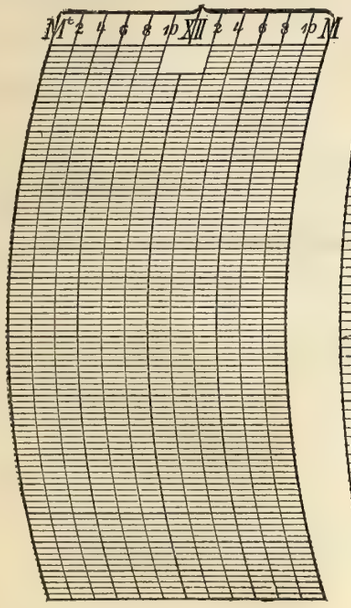
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 10 | 3 | 6 | |

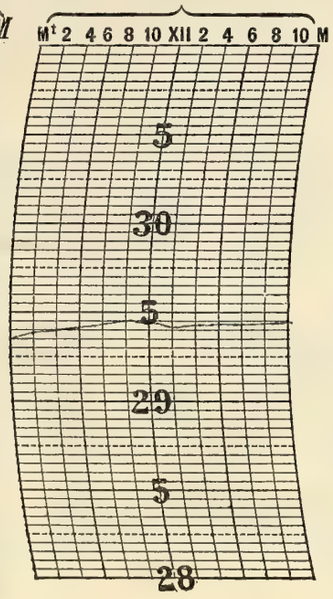
Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow on ground 7 p. m., 2.1 inches.
Total snowfall, midnight to midnight, .07+ inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .04+ inches.
Character of day, Cloudy Moon phase, Last Quarter
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.5
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 222
Average hourly velocity, 9.2

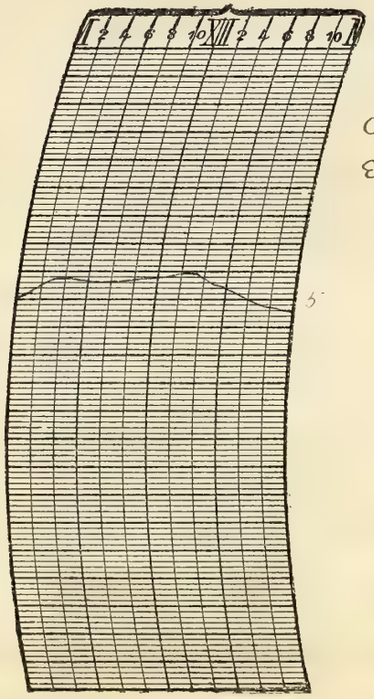
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 21 Ex 22 | N | 8.50 p.m. |

Relative humidity, 81 a. m. 90 p. m.
Reduced barometer, 30.34 a. m. 30.36 p. m.
River gage, 7.00 a.m. 3.6 ft

+ estimated





## NOTES.

Light snow began at 7.30 a.m and continued during the day and evening ended next day

Prepared by } H.G.C
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 12 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 3 | 3 | 4 | 4 | 3 | 2 | 0 | -1 | -1 | 0 | 3 | 5 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | SE DN | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | – Clear – | | | | |
| Sunrise: Time, 7.05 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | | .92 0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | NE | NE | N | N | N | N | N | N | N | N | N | N |
| Wind movement | 13 | 11 | 13 | 13 | 13 | 11 | 10 | 10 | 9 | 10 | 9 | 9 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 7 | 8 | 8 | 7 | 5 | 3 | 3 | 2 | 1 | 0 | -3 | -5 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | – Clear – | | | | | | | |
| Sunrise: Time, Character, | | | | | | | | | Sunset: Time, 4.34 Character, Clear | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 0.3 0.7 | .57 0 | | | | | | | |
| Wind direction | N | N | N | N | N | NE | NE | NE | NE | NE | N | NE |
| Wind movement | 9 | 10 | 9 | 7 | 6 | 6 | 7 | 4 | 6 | 4 | 5 | 4 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 8 | -5 | 2 | |

Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.

Snow on ground 7 p. m., 2.9 inches.

Total snowfall, midnight to midnight, 0.3+ inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02+ inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 9.5

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 100

Prevailing direction N

Total movement, 208

Average hourly velocity, 8.7

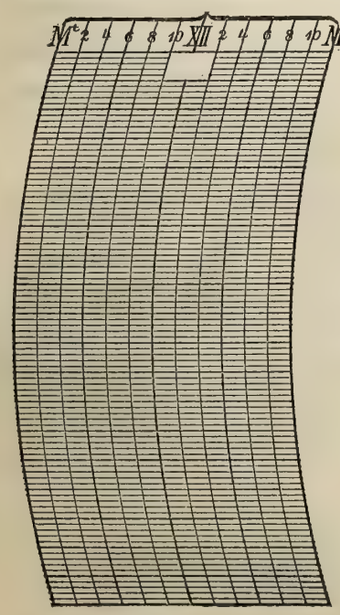
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 | NE | 3.00 a.m |

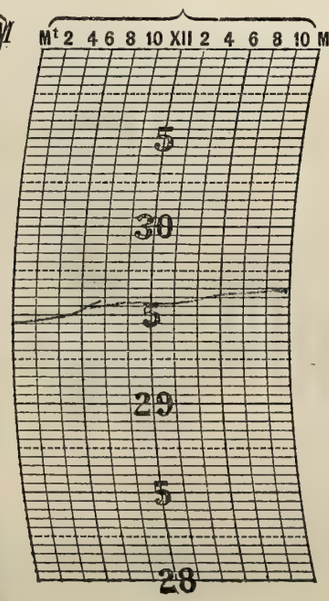
Ex. 17.

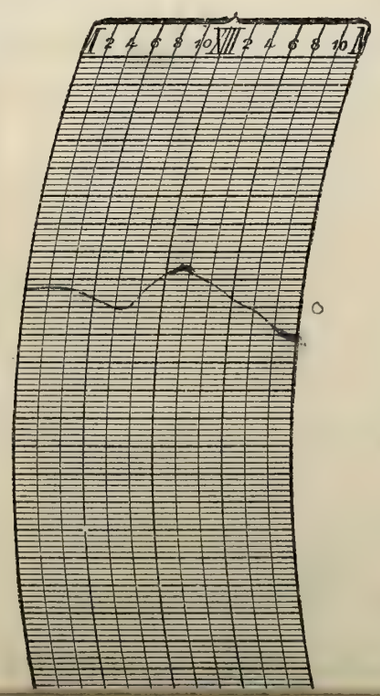
Relative humidity, 65 a. m. 66 p. m.

Reduced barometer, 30.49 a. m. 30.63 p. m.

River gage, 7.00 a.m. 3.2 ft.





Prepared by
Verified by } H.T.C.

NOTES.

Walks and streets slippery from dry snow

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 13 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | -5 | -5 | -6 | -8 | -8 | -9 | -7 | -7 | 0 | 3 | 5 | 9 | 9 | 10 | 11 | 10 | 9 | 8 | 8 | 8 | 8 | 8 | 7 | 7 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | clear | | | | | | Pt cloudy | | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 7.03 Character, Cloudy | | | | | | | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 0.5 | 0.8 | 0.3 | 0 | 0 | | | | Sunset: Time, 4.35 Character, Cloudy | | | |
| Wind direction | N | NE | NE | NE | NE | E | E | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE |
| Wind movement | 6 | 5 | 4 | 3 | 5 | 6 | 5 | 5 | 6 | 10 | 11 | 13 | 12 | 11 | 9 | 8 | 8 | 6 | 5 | 5 | 7 | 8 | 6 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

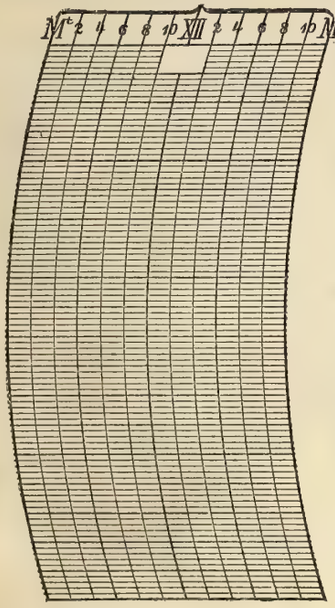
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

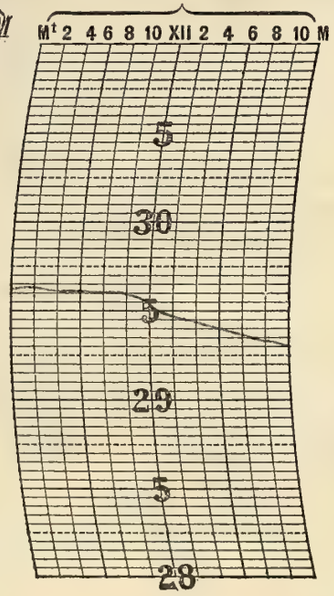
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 11 | -9 | 1 | |

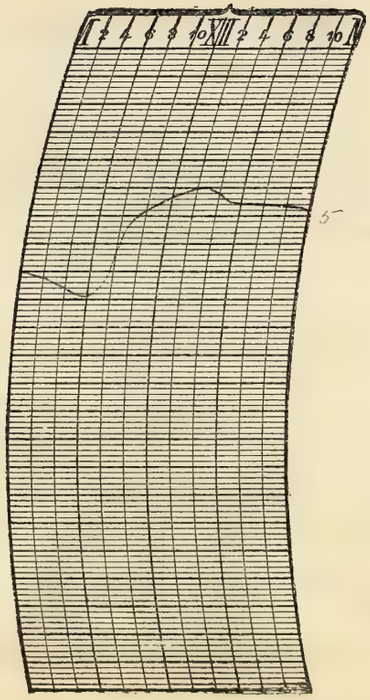
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 2.8 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 4
Actual sunshine, hours, 4.9
Possible sunshine, hours, 9.5
Percentage of possible sunshine, 52
Prevailing direction SE
Total movement, 169
Average hourly velocity, 7.0

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 Ex 17 | SE | 11.25 a.m |

Relative humidity, 91 a. m. 70 p. m.
Reduced barometer, 30.59 a. m. 30.40 p. m.
River gage, 7.00 a.m. 3.1 ft.





NOTES.

Walks and streets slippery from dry snow

Prepared by } J.H.T.C
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 14 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 6 | 7 | 9 | 9 | 10 | 10 | 11 | 12 | 13 | 15 | 17 | 19 | 17 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 17 | 16 | 15 |
| | | | | | | | | | | | | | | | SB 230 | | | | | | | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — | | Cloudy | | | — | | — | | Cloudy | | | — | | | | | | |
| | Sunrise: Time, 7.04 Character, Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.36 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0 | 0 | 0.6 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SE | SE | SE | S | S | S | S | S | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W |
| Wind movement | 4 | 5 | 5 | 5 | 5 | 7 | 6 | 8 | 10 | 10 | 11 | 10 | 13 | 11 | 13 | 11 | 11 | 10 | 12 | 11 | 11 | 13 | 15 | 14 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

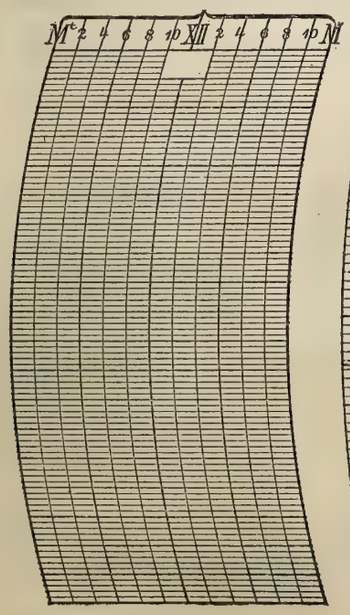
1 hours slower than 75th meridian time.

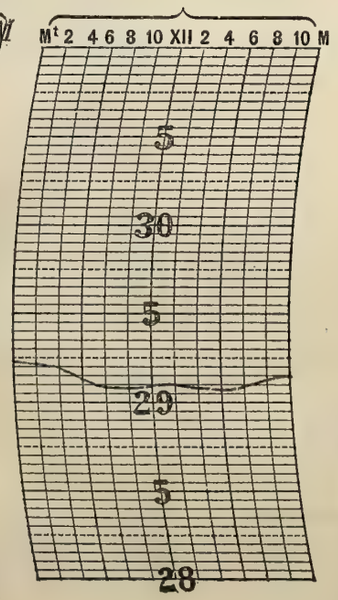
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 19 | 6 | 12 | |

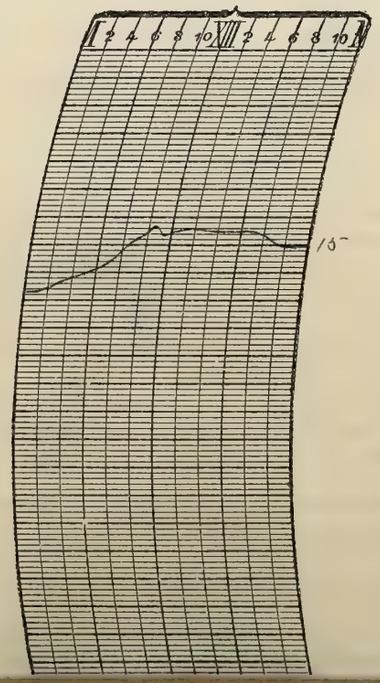
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., 2.8 inches.
Total snowfall, midnight to midnight, .03 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 0.6
Possible sunshine, hours, 9.5
Percentage of possible sunshine, 6
Prevailing direction SW
Total movement, 231
Average hourly velocity, 9.6

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 | W | 10.40 p.m. |
| Ex. 18. | | |

Relative humidity, 75 a. m. 84 p. m.
Reduced barometer, 30.16 a. m. 30.04 p. m.
River gage, 7.00 a.m. 3.0 ft




NOTES.

Walks and streets slippery from dry snow

Prepared by
Verified by } H.H.C.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 15 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

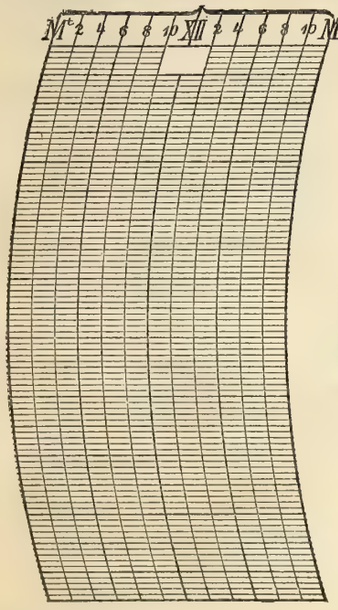
| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 15 | 13 | 10 | 8 | 7 | 8 | 8 | 6 | 8 | 3 | 5 | 7 | 9 | 12 | 11 | 10 | 10 | 10 | 10 | 8 | 6 | 7 | 3 | 8 |
| State of weather: Nature of precipitation and time of beginning and ending | | | SE DN | | | | | SB 7.10 | | | | | | | SE 2.00 | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | | Cloudy | | | | | | | | | |
| Sunrise: Time, 7.04 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.37 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | 8 | | | | 0 | 0 | 0.5 | 1.0 | 1.0 | 1.0 | 0.4 | 0 | 0.1 | 0 | | | | | | | |
| Wind direction | W | W | NW | NW | NW | NW | W | NW | W | SW | SW | SW | W | SW | W | W | W | NW | NW | NW | NW | W | SW | SW |
| Wind movement | 16 | 15 | 17 | 11 | 8 | 8 | 8 | 6 | 10 | 14 | 14 | 14 | 14 | 16 | 14 | 16 | 13 | 12 | 13 | 13 | 12 | 14 | 15 | 13 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

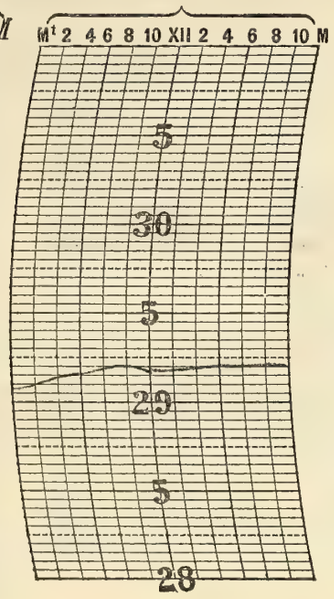
| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

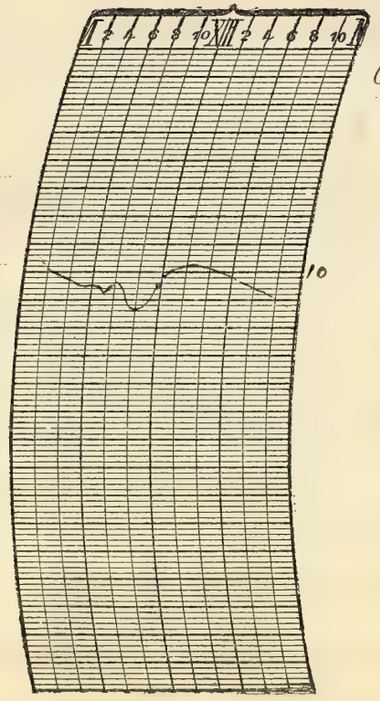
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 15 | 3 | 7 | |

Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.
Snow on ground 7 p. m., 3.6 inches.
Total snowfall, midnight to midnight, 0.5 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 4.0
Possible sunshine, hours, 9.6
Percentage of possible sunshine, 42
Prevailing direction W, NW
Total movement, 306
Average hourly velocity, 12.8

Maximum velocity, 21 Ex 21 Direction, NW Time. 2.32 a.m.
Relative humidity, 91 a. m. 82 p. m.
Reduced barometer, 30.13 a. m. 30.16 p. m.
River gage, 7.00 a.m. 2.8 ft






NOTES.

Walks and streets slippery from dry snow

Prepared by } H.T.C
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 16 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 3 | 2 | 3 | 3 | 2 | 3 | 4 | 3 | 4 | 7 | 8 | 10 | 12 | 14 | 14 | 13 | 12 | 12 | 12 | 12 | 11 | 12 | 13 | 13 |
| State of weather: Nature of precipitation and time of beginning and ending | | | SB DN | | | SE DN | | | SB 8.00 | SE 9.20 | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Cloudy | | | | | | — Pt Cloudy — | | | | | | | | | | | |
| Sunrise: Time, Character, | 7.04 Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character, 4.39 Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0 | 0 | | | | | | | |
| Wind direction | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | S | S | S | S | S | SE | SE |
| Wind movement | 13 | 12 | 13 | 13 | 11 | 13 | 13 | 11 | 11 | 11 | 10 | 11 | 11 | 13 | 10 | 10 | 10 | 10 | 11 | 12 | 12 | 11 | 10 | 10 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 14 | 2 | 8 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 3.6 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 4.8

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 50

Prevailing direction SW

Total movement, 272

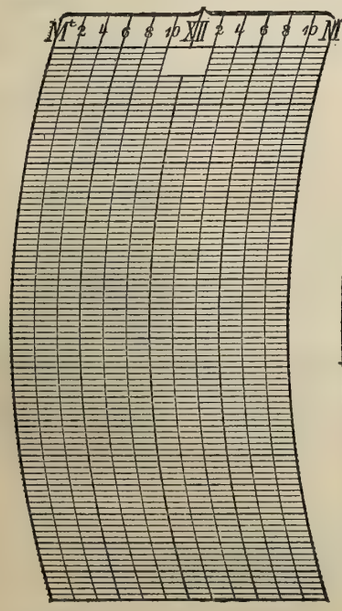
Average hourly velocity, 11.3

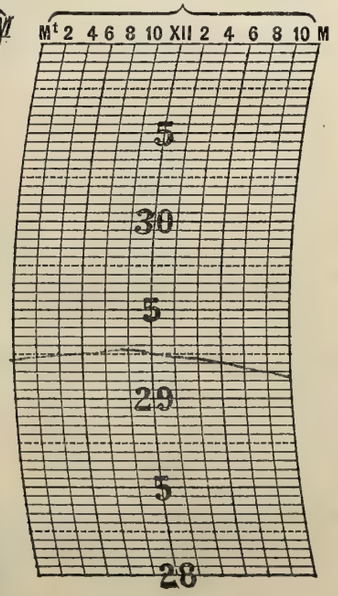
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 Ex. 16 | SW | 2.45 a.m. |

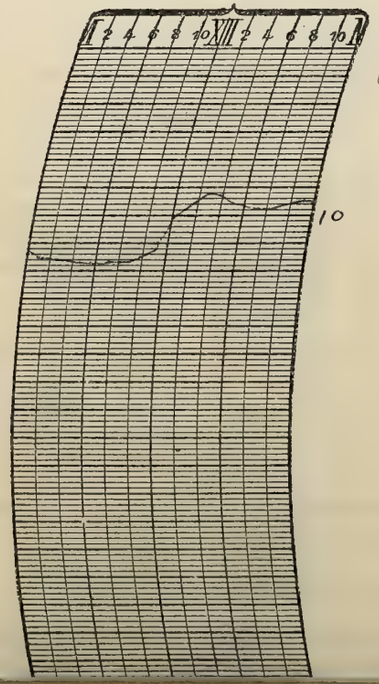
Relative humidity, 84 a. m. 68 p. m.

Reduced barometer, 30.24 a. m. 30.16 p. m.

River gage, 7.00 a.m. 2.7 ft






NOTES.

Walks and streets slippery from dry snow

Prepared by } H.T.C
Verified by }

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 17 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 13 | 14 | 16 | 19 | 21 | 22 | 24 | 26 | 28 | 30 | 31 | 32 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | SB 11.00 |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — Cloudy — | | | | |
| Sunrise: Time, 7.03 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0 | 0 | 0 |
| Wind direction | SE | SE | S | S | S | S | S | S | SW | SW | SW | SW |
| Wind movement | 9 | 13 | 11 | 9 | 11 | 10 | 11 | 14 | 16 | 17 | 17 | 14 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 33 | 34 | 34 | 35 | 36 | 36 | 36 | 37 | 38 | 38 | 38 | 38 |
| State of weather: Nature of precipitation and time of beginning and ending | | | SE 2.30 | | RB 4.00 | | | | | RE 9.30 | | |
| Amounts of precipitation | | | | | T | T | T | T | T | T | | |
| Cloudiness and other conditions | | | — Cloudy — | | | | | | | | | |
| Sunset: Time, 4.40 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | S | S | S | S | S |
| Wind movement | 14 | 12 | 12 | 13 | 12 | 10 | 10 | 9 | 9 | 9 | 8 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 38 | 13 | 26 | |

Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.

Snow on ground 7 p. m., 3.0 inches.

Total snowfall, midnight to midnight, 0.6 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.6 ins.

Total precipitation, midnight to midnight, 0.6 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 0

Prevailing direction S. SW

Total movement, 279

Average hourly velocity, 11.6

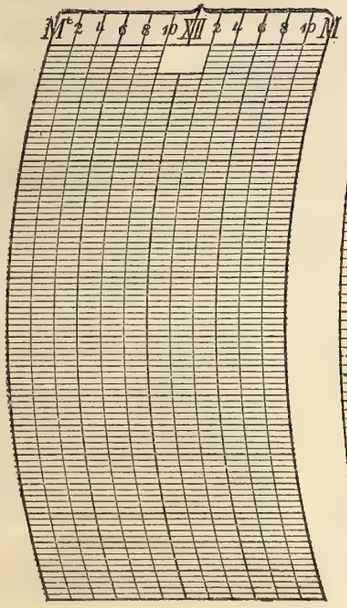
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 | SW | 10.09 a. m. |

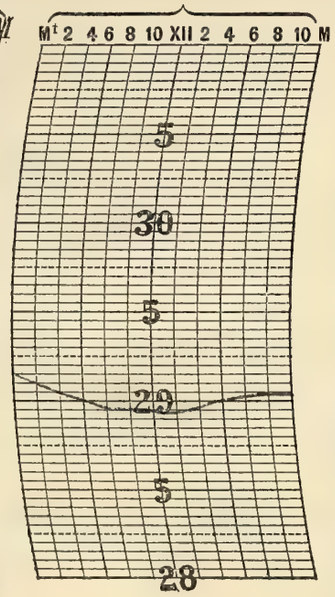
Ex 19

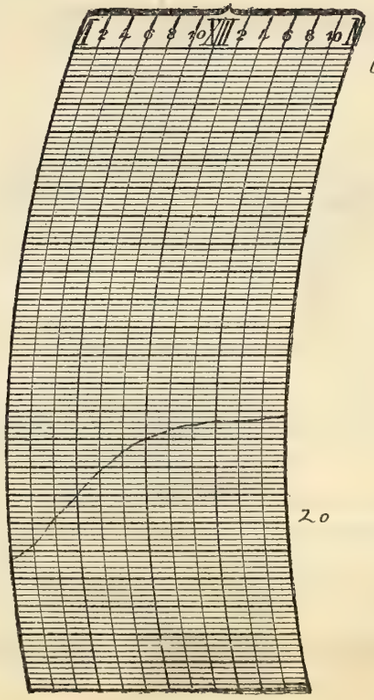
Relative humidity, 72 a. m. 100 p. m.

Reduced barometer, 29.92 a. m. 29.93 p. m.

River gage, 7.00 a.m. 2.5 ft






NOTES.

Walks and streets slippery from dry snow

Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 18 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 40 | 39 | 40 | 40 | 40 | 40 | 40 | 42 | 41 | 41 | 41 | 41 |
| Nature of precipitation and time of beginning and ending | | RB 1.35 | | | | | | | | | | |
| Amounts of precipitation | | 02 | 10 | .12 | .08 | .10 | .14 | .06 | .08 | .07 | .06 | .05 |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | |
| Sunrise: Time, 7.03 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0 | 0 | 0 |
| Wind direction | S | S | SE | S | S | S | S | SW | S | S | SW | SW |
| Wind movement | 11 | 8 | 6 | 5 | 8 | 11 | 13 | 12 | 14 | 14 | 14 | 14 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 34 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 20 |
| Nature of precipitation and time of beginning and ending | | | | RE 2.45 SIF 2.45 | | | | | | SIF 9.20 | | |
| Amounts of precipitation | .01 | T | T | T | | | | | | | | |
| Cloudiness and other conditions | | | | Cloudy | | | | | | | | |
| Sunset: Time, 4.41 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 13 | 11 | 11 | 13 | 11 | 11 | 13 | 16 | 13 | 14 | 15 | 16 |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 42 | 20 | 31 | 4 |

Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.

Snow on ground 7 p. m., 2.1 inches.

Total snowfall, midnight to midnight, 1.1 inches.

Precipitation to 7 a. m., .56 ins.; to 7 p. m., .42 ins.

Total precipitation, midnight to midnight, 1.00 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 0

Prevailing direction NW

Total movement, 287

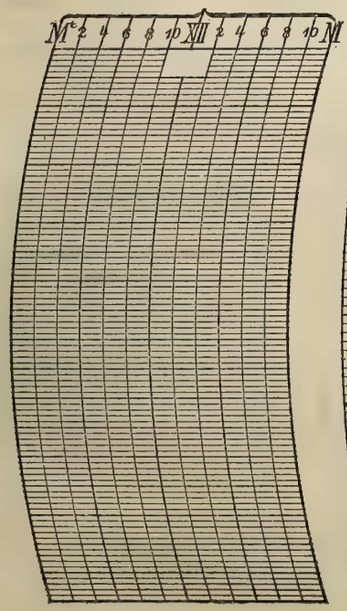
Average hourly velocity, 12.0

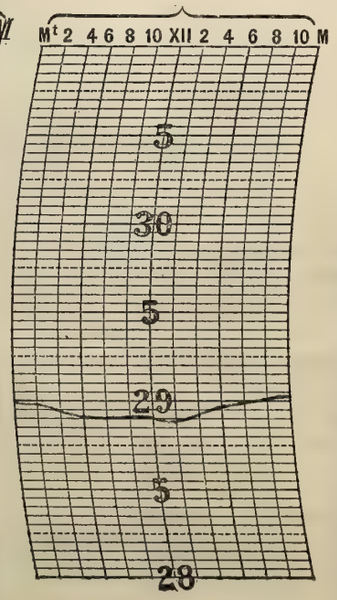
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 21 Ex 21 | NW | 7.15 p.m. |

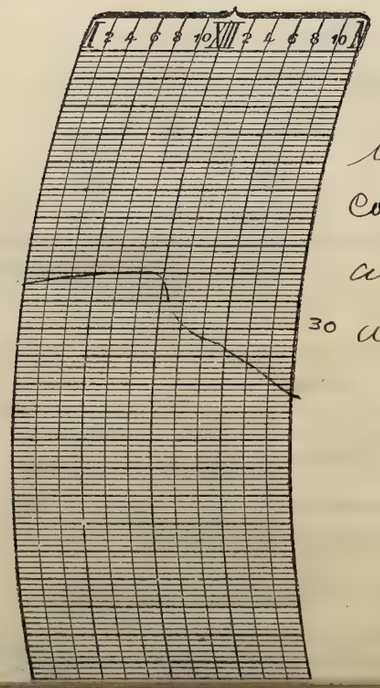
Relative humidity, 96 a. m. 93 p. m.

Reduced barometer, 27.86 a. m. 27.92 p. m.

River gage, 7.00 a.m. 2.7 ft






## NOTES.

Rain fell during the forenoon and in the afternoon till 2.45 pm. When it turned colder freezing the rain and melting snow and making the walks and street icy and very slippery

Prepared by } H.F.C.
Verified by }

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 19 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 20 ~~18~~ | 17 | 16 | 15 | 14 | 14 | 15 | 15 | 13 | 14 | 14 | 14 | 13 | 12 | 11 | 10 | 10 | 9 | 9 | 8 | 7 | 6 | 5 | 5 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | SB 7.10 SE 7.40 | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — Cloudy — | | | | | — Cloudy — | | | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 7.02 Character, Cloudy | | | | | | | 0 | 0.1 | 1.0 | 1.0 | 0.2 | 0.3 | 0.4 | 0 | 0 | 0 | | | | Sunset: Time, 4.42 Character, Cloudy | | | |
| Wind direction | NW | NW | NW | NW | W | NW | W | W | W | W | W | W | W | W | W | W | W | W | W | W | SW | SW | SW | SW |
| Wind movement | 17 | 16 | 16 | 15 | 16 | 13 | 14 | 13 | 13 | 14 | 15 | 13 | 14 | 13 | 14 | 11 | 9 | 8 | 7 | 6 | 5 | 7 | 6 | 6 |
| Maximum velocities (exceeding 22 miles) direction and time | 27 | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 20 | 5 | 12 | 7 |

Total depth of snow for 24 hours ending 7 p. m., 0.~~X~~ inches.

Snow on ground 7 p. m., 2.5 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0.2 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, New Moon

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 3.0

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 31

Prevailing direction W

Total movement, 281

Average hourly velocity, 11.7

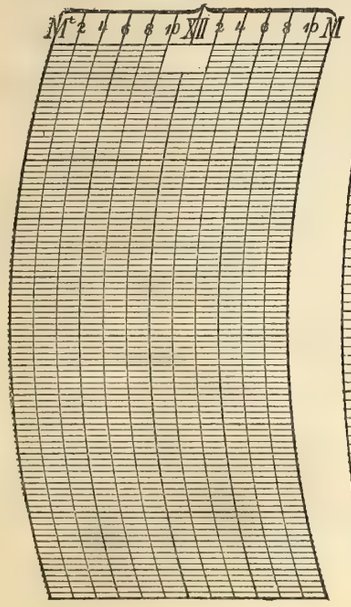
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 22 | NW | 12.55 a.m. |

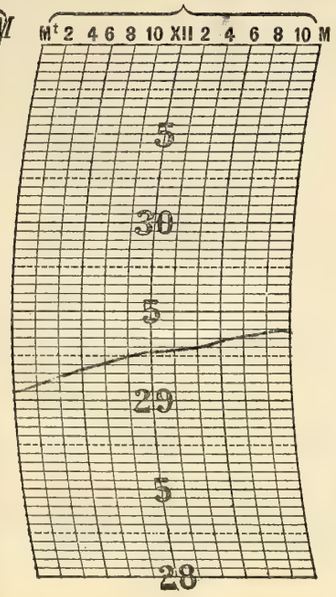
Ex 24.

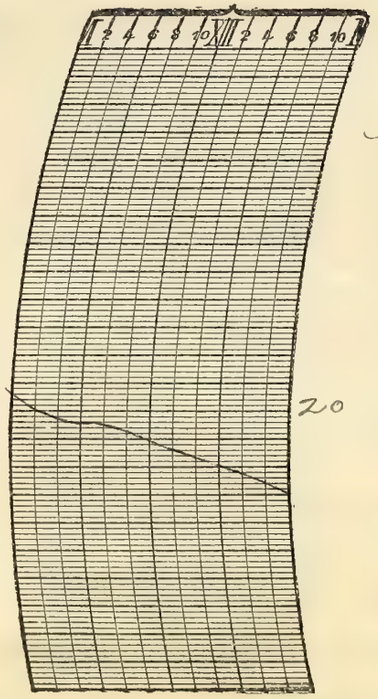
Relative humidity, 77 a. m. 60 p. m.

Reduced barometer, 30.15 a. m. 30.32 p. m.

River gage, 7.00 a.m. 6.7 ft






NOTES.

Walks and streets remain icy and slippery

Prepared by J. H. T. C.
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 20 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 4 | 4 | 3 | 5 | 7 | 8 | 9 | 10 | 13 | 17 | 19 | 20 SB 11.00 | 22 | 23 | 24 | 24 | 22 SE 4.30 | 21 | 20 | 19 | 17 | 16 | 15 | 13 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | Cloudy | | | | — | — | Cloudy | | | | — | | | | | | |
| | Sunrise: Time, 7.01 Character, Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.43 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0.2 | 1.0 | 0.3 | 0 | 0.8 | 0.8 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | S | S | S | S | S | S | S | S | SW | SW | SW | SW | SW | W | W | W | W | W | W | W |
| Wind movement | 6 | 5 | 6 | 7 | 7 | 9 | 10 | 11 | 12 | 13 | 16 | 15 | 18 | 19 | 15 | 13 | 16 | 16 | 13 | 15 | 15 | 18 | 14 | 13 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 24 | 3 | 14 | |

Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.

Snow on ground 7 p. m., 2.9 inches.

Total snowfall, midnight to midnight, 0.4 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 8.1

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 83

Prevailing direction SW

Total movement, 302

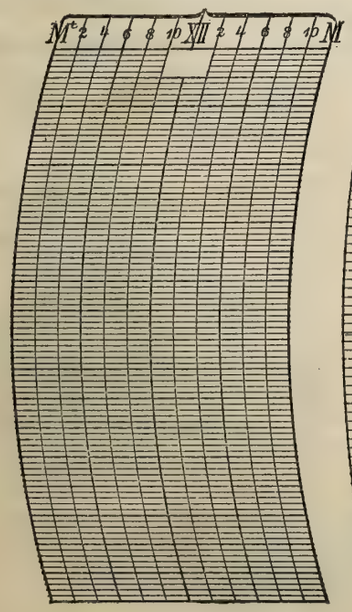
Average hourly velocity, 12.6

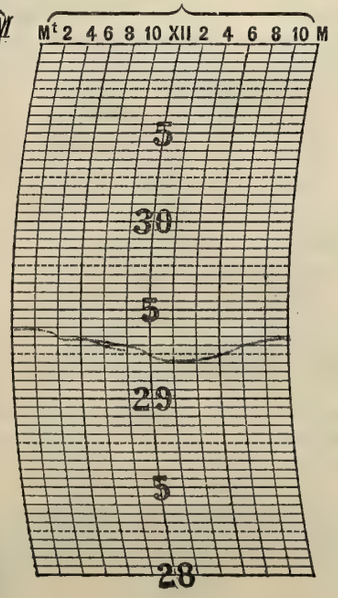
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 23 Ex. 25 | SW | 1.15 p.m. |

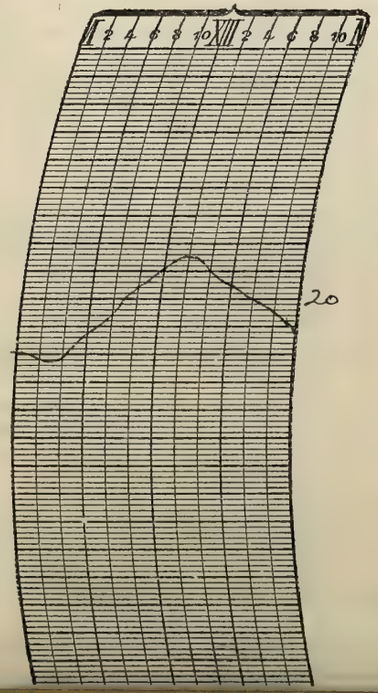
Relative humidity, 82 a. m. 92 p. m.

Reduced barometer, 30.26 a. m. 30.23 p. m.

River gage, 7.00 a.m. 9.3 ft.






NOTES.

Walks and streets remain icy and slippery

Prepared by T. H. T. C.

Verified by

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 21 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 12 | 12 | 12 | 10 | 8 | 7 | 9 | 10 | 12 | 16 | 19 | 22 | 24 | 26 | 27 | 28 | 28 | 28 | 27 | 29 | 31 | 33 | 33 | 33 |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Partly Cloudy | | | | | | Clear | | | | | | | | | | | |
| Sunrise: Time, 7.01 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.44 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 0.2 | 0.7 3 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 12 | 10 | 10 | 14 | 12 | 10 | 12 | 11 | 16 | 17 | 14 | 19 | 21 | 20 | 21 | 18 | 16 | 14 | 12 | 11 | 11 | 9 | 8 | 8 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 33 | 7 | 20 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 27 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 8.0

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 82

Prevailing direction SW

Total movement, 326

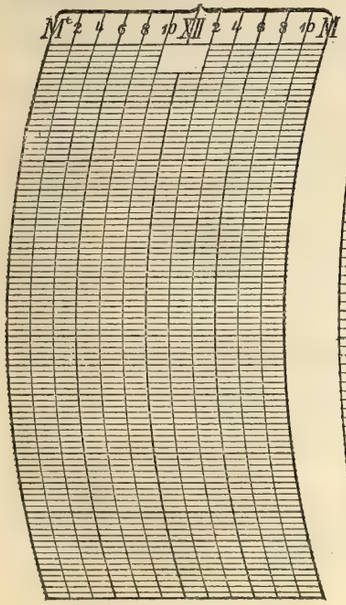
Average hourly velocity, 13.6

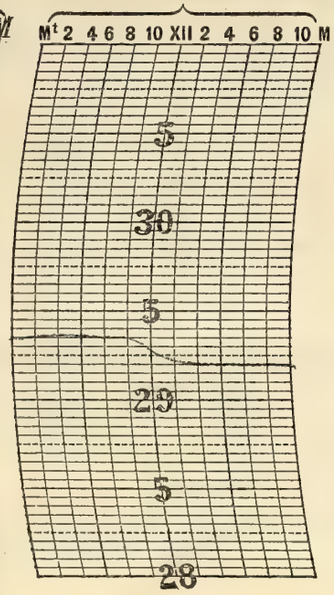
Maximum velocity, 25 Ex 27 Direction, S Time. 12.38 pm

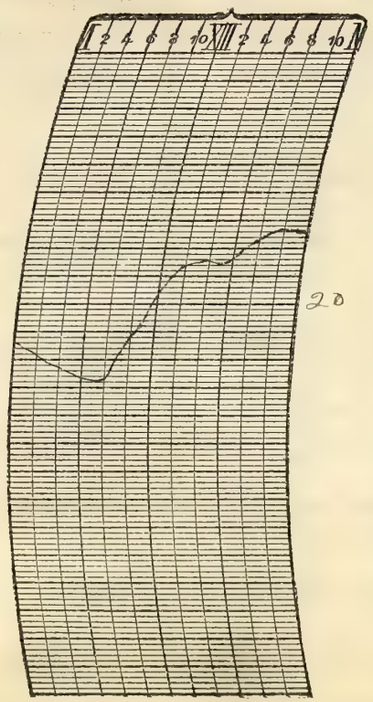
Relative humidity, 80 a. m. 76 p. m.

Reduced barometer, 30.31 a. m. 30.12 p. m.

River gage, 7.00 am 7.11 ft






NOTES.

Walks and streets remain icy and slippery

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 29 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 33 | 33 | 32 | 32 | 32 | 31 | 31 | 31 | 32 | 33 | 34 | 35 |
| | | | | | | | | | | | | SB 11.05 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | Cloudy | — | | | |
| | Sunrise: Time, 7.00 | | Character, Cloudy | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 8 | 6 | 8 | 8 | 7 | 8 | 7 | 11 | 11 | 12 | 14 | 13 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 35 | 36 | 37 | 36 | 36 | 36 | 36 | 37 | 38 | 39 | 39 | 38 |
| | | SE 2.00 | | | | RB 6.15 | | | RB 8.30 | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | T | T | T | T | | | |
| Cloudiness and other conditions | | — | Cloudy | — | | | | | | | | |
| | | | | | | | | | Sunset: Time, 4.46 | | Character, Cloudy | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 12 | 15 | 15 | 16 | 15 | 13 | 11 | 11 | 15 | 15 | 17 | 15 |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 39 | 31 | 35 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 283

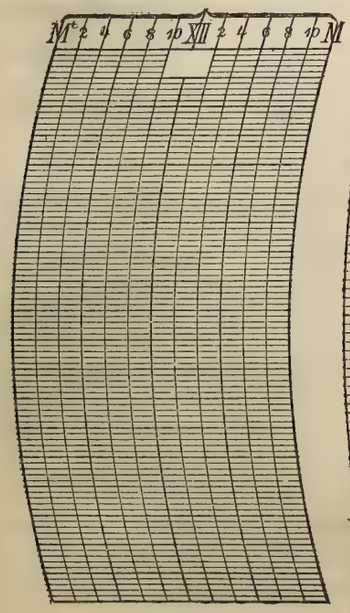
Average hourly velocity, 11.8

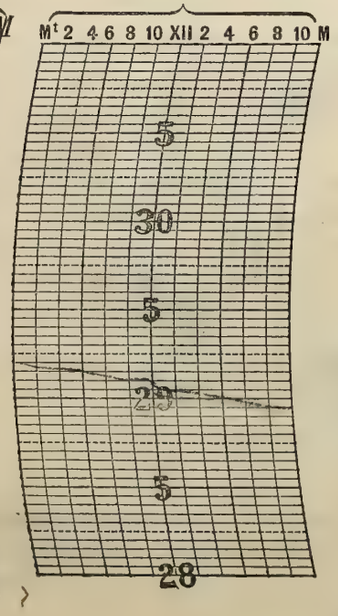
Maximum velocity, 19 Ex 20 Direction, SW Time. 2.00 p m.

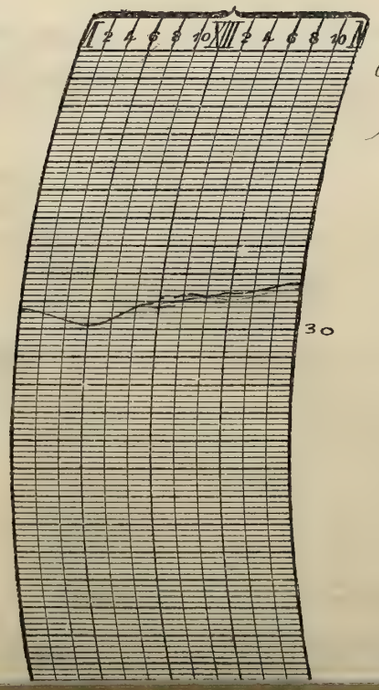
Relative humidity, 83 a. m. 94 p. m.

Reduced barometer, 30.06 a. m. 29.93 p. m.

River gage, 7.00 a m 6.0 ft







NOTES.

Walks and streets partially free from ice and snow

Prepared by } H.T.C
Verified by }

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 23 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 38 37 | 37 | 36 | 35 | 34 | 33 | 34 | 33 | 33 | 34 | 35 | 35 | 35 3B 12.45 | 36 | 35 | 33 SE 3.40 | 33 | 32 | 31 | 30 | 28 | 26 | 26 | 24 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | Cloudy | | | | | — | Cloudy | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | W | W | W | W | W | W | W | SW | SW | SW | SW | SW | W | W | W | W | NW | NW | NW | W | W |
| Wind movement | 15 | 15 | 15 | 14 | 15 | 18 | 15 | 14 | 13 | 14 | 14 | 16 | 15 | 13 | 11 | 9 | 8 | 9 | 11 | 10 | 10 | 10 | 8 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 6.59 Character, Cloudy

Sunset: Time, 4.47 Character, Cloudy

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 38 | 24 | 31 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 0

Prevailing direction W

Total movement, 301

Average hourly velocity, 12.5

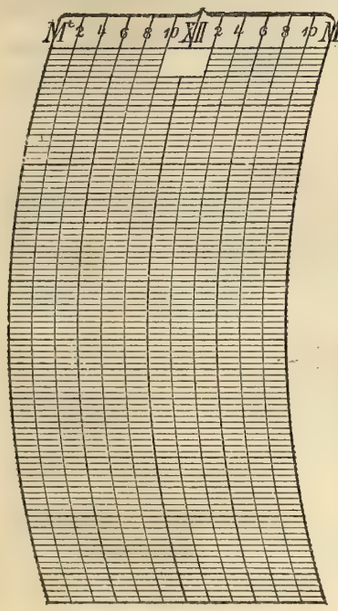
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 21 | W | 5.00 a.m |

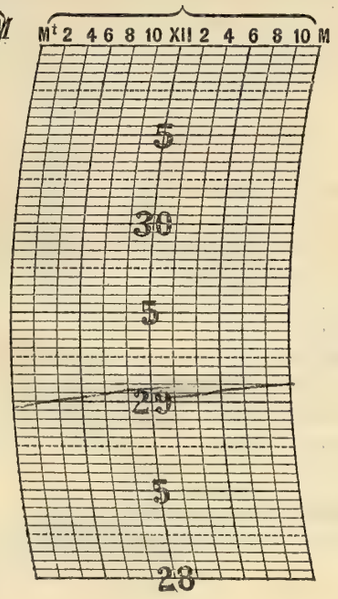
Ex 21

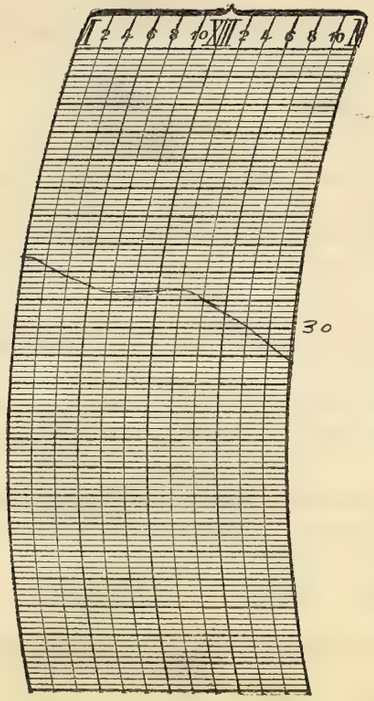
Relative humidity, 83 a. m. 84 p. m.

Reduced barometer, 29.95 a. m. 29.99 p. m.

River gage, 7.00 a.m. 5.8 ft






NOTES.

Walks and streets nearly free from Ice and snow

Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 24 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 24 | 23 | 22 | 21 | 20 | 19 | 20 | 20 | 19 | 20 | 21 | 20 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — | Cloudy | — | | |
| Sunrise: Time, 6.59 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | NW | W | W | W | W | W | W | W | W | NW | W | W |
| Wind movement | 9 | 6 | 7 | 6 | 6 | 6 | 7 | 8 | 10 | 11 | 12 | 12 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 19 | 20 | 21 | 21 | 20 | 20 | 20 | 19 | 19 | 18 | 16 | 16 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | — | Cloudy | | | — | | | | | | | |
| Sunset: Time, 4.48 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0.1 | 0.1 | 0 | 0 | 0 | | | | | | | |
| Wind direction | W | NW | W | W | W | W | NW | NW | NW | W | W | SW |
| Wind movement | 14 | 10 | 11 | 11 | 8 | 7 | 7 | 6 | 6 | 5 | 4 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts. | | | | | | | | | | | | | | | | | | | |

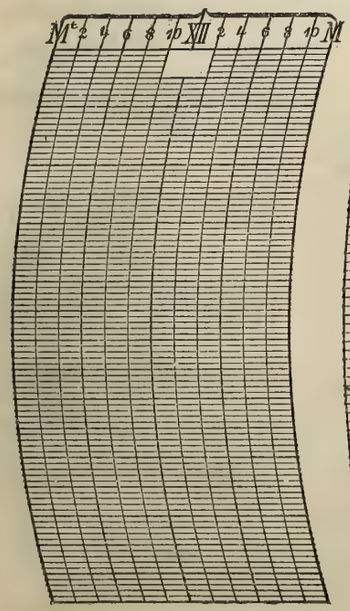
1 hours slower than 75th meridian time.

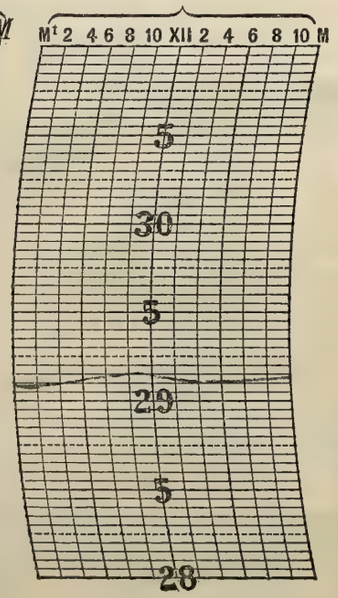
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 24 | 16 | 20 | |

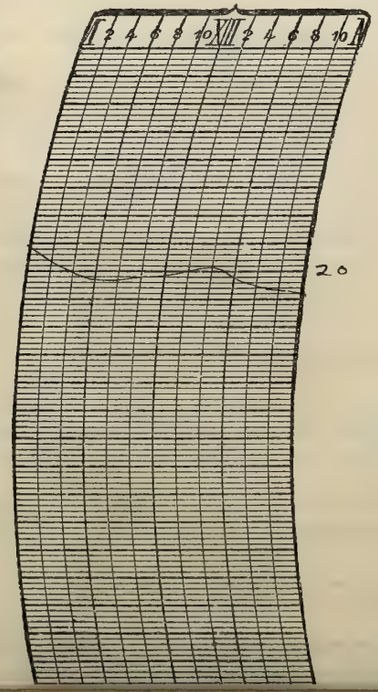
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 9
Actual sunshine, hours, 0.2
Possible sunshine, hours, 9.8
Percentage of possible sunshine, 2
Prevailing direction W
Total movement, 195
Average hourly velocity, 8.1

| Maximun. velocity, | Direction, | Time. |
|---|---|---|
| 14 | W | 12.12 p.m. |
| Ex. 15 | | |

Relative humidity, 84 a. m. 70 p. m.
Reduced barometer, 30.09 a. m. 30.08 p. m.
River gage, 7.00 a.m. 5.4 ft




NOTES.

Walks and streets nearly free from ice and snow

Prepared by } H.T.C.
Verified by }

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 25 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 16 | 15 | 15 | 14 | 14 | 14 | 15 | 14 | 17 | 20 | 21 | 21 | 22 | 23 | 25 | 24 | 24 | 23 | 23 | 23 | 22 | 22 | 22 | 21 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Cloudy — | | | | | | — Cloudy — | | | | | | | | | | | |
| Sunrise: Time, 6.58 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.49 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0.3 | 0 | 0.3 | 1.0 | 0.3 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | W | W | W | SW | SW | SW | W | W | SW | SW | SW | SW | SW | SW | S | SE | E | E | E | E | E | E | E |
| Wind movement | 6 | 5 | 5 | 4 | 5 | 3 | 4 | 5 | 3 | 4 | 5 | 5 | 5 | 6 | 4 | 4 | 3 | 3 | 4 | 5 | 5 | 5 | 6 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 25 | 14 | 20 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 1.8

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 18

Prevailing direction SW

Total movement, 111

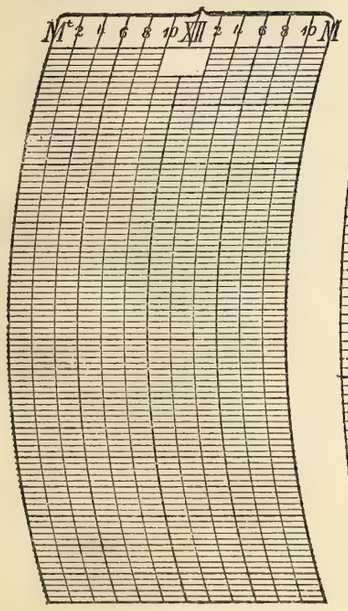
Average hourly velocity, 4.6

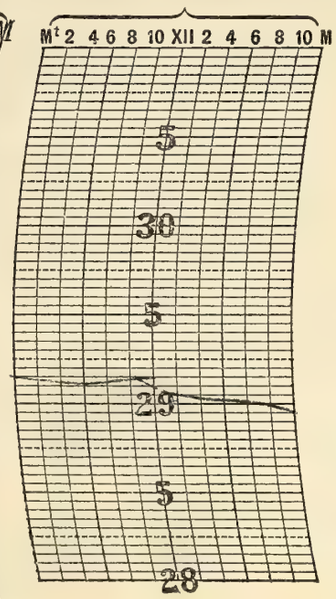
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 9 | E | 11.20 p.m. |

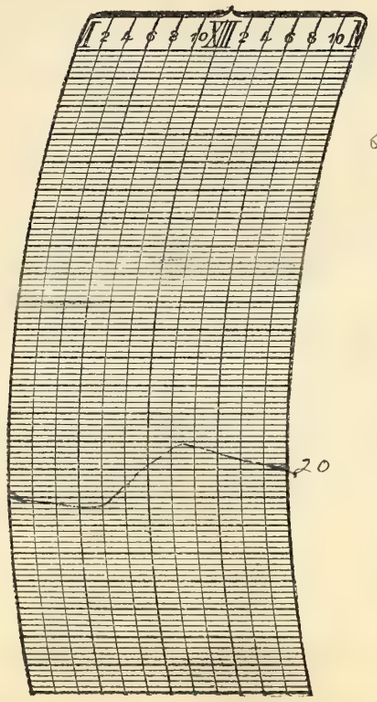
Relative humidity, 79 a. m. 66 p. m.

Reduced barometer, 30.06 a. m. 29.95 p. m.

River gage, 7.00 a.m. 4.9 ft.






NOTES.

Walks and streets nearly free from snow and ice.

Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 26 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 20 | 20 | 20 | 20 | 19 | 18 | 19 | 19 | 19 | 21 | 22 | 22 |
| | SB DN | | | SE DN | | | | | | | SB 10.15 | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | Cloudy | — | | | |
| | Sunrise: Time, 6.57 | | Character, Cloudy | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | E | E | E | E | E | E | E | E | E | E | E | E |
| Wind movement | 8 | 8 | 7 | 7 | 10 | 8 | 7 | 8 | 8 | 7 | 6 | 6 |
| Maximum velocities (exceeding 79 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 23 | 23 | 24 | 25 | 24 | 24 | 23 | 23 | 22 | 22 | 21 | 21 |
| | | | | | | | | | SE 8.20 | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | — | Cloudy | — | | | | | | | |
| | | | | | | | | | Sunset: Time, 4.49 | | Character, Cloudy | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | E | E | E | NE | NE | NE | NE | NE | NE | NE | NE | N |
| Wind movement | 5 | 5 | 6 | 7 | 5 | 6 | 7 | 7 | 6 | 6 | 6 | 5 |
| Maximum velocities (exceeding 79 miles) direction and time | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

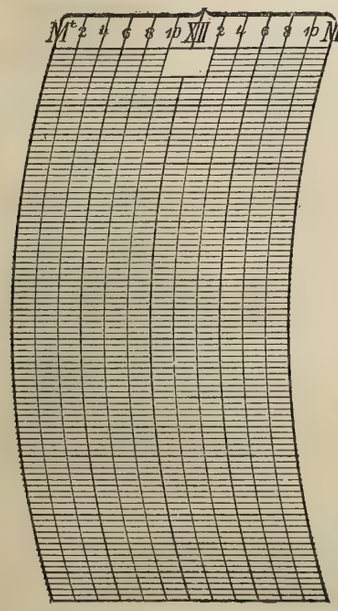
1 hours slower than 75th meridian time.

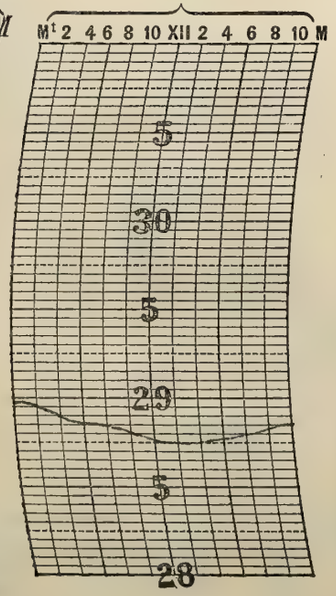
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 25 | 18 | 22 | |

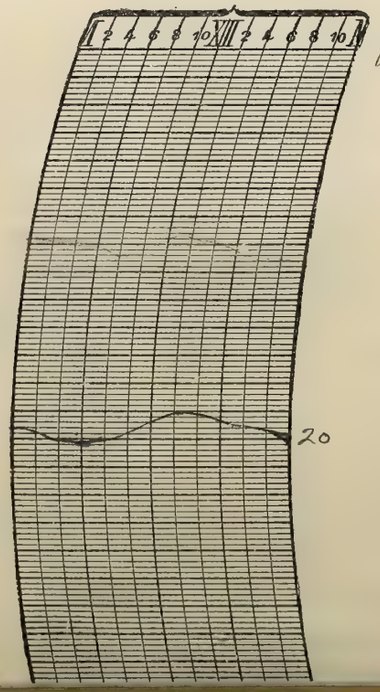
Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow on ground 7 p. m., 0.2 inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.2 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.9
Percentage of possible sunshine, 0
Prevailing direction E
Total movement, 161
Average hourly velocity, 6.7

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 | E | 4.15 a.m. |
| Ex. 12 | | |

Relative humidity, 80 a. m. 87 p. m.
Reduced barometer, 29.76 a. m. 29.71 p. m.
River gage, 7.00 a.m. 4.3 ft.




NOTES.

Walks and streets covered with snow and ice.

Prepared by
Verified by W. H. T. C.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 27 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 21 | 20 | 21 | 20 | 20 | 19 | 19 | 17 | 17 | 18 | 19 | 20 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | SB 6.20 | SE 7.10 | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Cloudy | | Clear | | | |
| Sunrise: Time, 6.56 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.5 | 1.0 | 1.0 | 1.0 |
| Wind direction | N | N | N | N | N | N | N | N | NE | NE | NE | NE |
| Wind movement | 6 | 4 | 6 | 5 | 4 | 5 | 7 | 9 | 9 | 11 | 10 | 7 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 20 | 20 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 15 | 15 | 15 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Clear | | | | | | | | | |
| Sunset: Time, 4.52 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 0.8 | 0 | | | | | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | E | E | E | E | E |
| Wind movement | 7 | 9 | 8 | 10 | 9 | 8 | 7 | 10 | 8 | 10 | 10 | 10 |

Maximum velocities (exceeding 29 miles) direction and time

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 21 | 15 | 18 | |

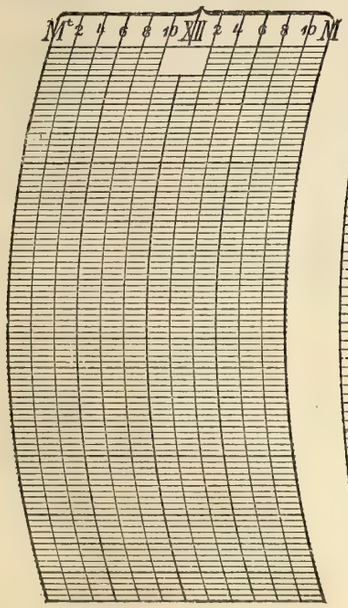
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase, First Quarter.
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 7.3
Possible sunshine, hours, 9.9
Percentage of possible sunshine, 74
Prevailing direction NE
Total movement, 189
Average hourly velocity, 7.9

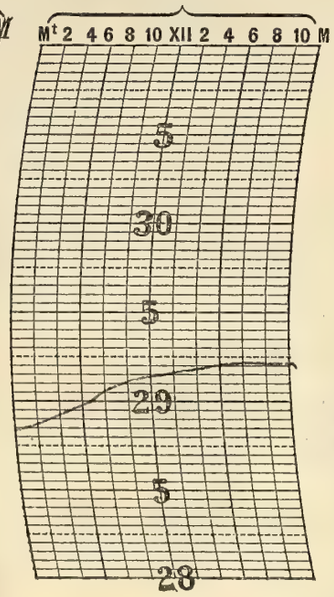
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 13 | NE | 10.15 p.m. |
| Ex. 13 | | |

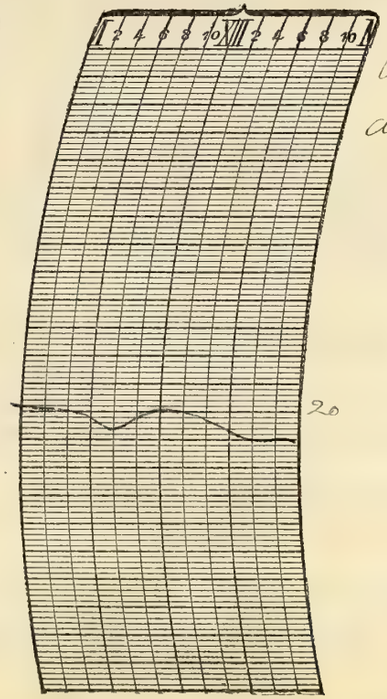
Relative humidity, 78 a. m. 80 p. m.
Reduced barometer, 30.00 a. m. 30.16 p. m.
River gage, 7.00 a.m. 3.9 ft.

NOTES.

Walks and street partially covered with snow and ice.






Prepared by
Verified by J. H. T. C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 28 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 15 | 15 | 14 | 14 | 14 | 15 | 15 | 16 | 17 | 18 | 20 | 22 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | Cloudy | — | | | |
| Sunrise: Time, 6.55 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | E | E | E | E | E | E | E | E | E | E | E | E |
| Wind movement | 10 | 11 | 14 | 14 | 15 | 14 | 16 | 16 | 16 | 16 | 15 | 12 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 23 | 23 | 22 | 23 | 23 | 23 | 23 | 24 | 25 | 25 | 25 | 25 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | — | Cloudy | — | | | | | | | | |
| Sunset: Time, 4.53 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | E | E | E | E | E | E | E | E | E | E | NE | NE |
| Wind movement | 14 | 12 | 12 | 12 | 10 | 10 | 10 | 8 | 8 | 6 | 6 | 5 |
| Maximum velocities (exceeding miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 25 | 14 | 20 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 0

Prevailing direction E

Total movement, 282

Average hourly velocity, 11.8

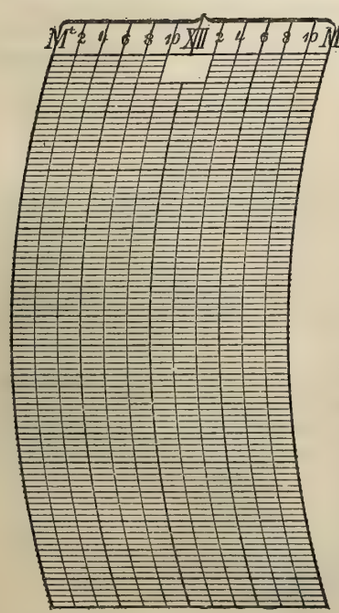
Maximum velocity, 21 Direction, E Time. # 5.50 a.m.

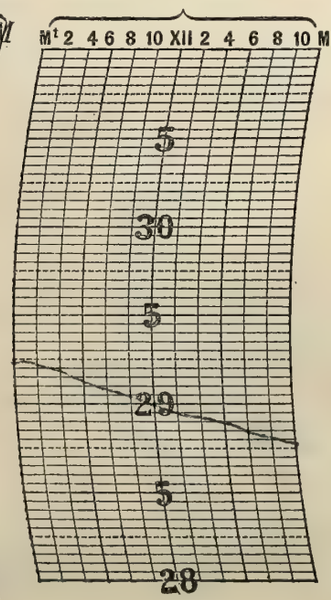
Ex 22

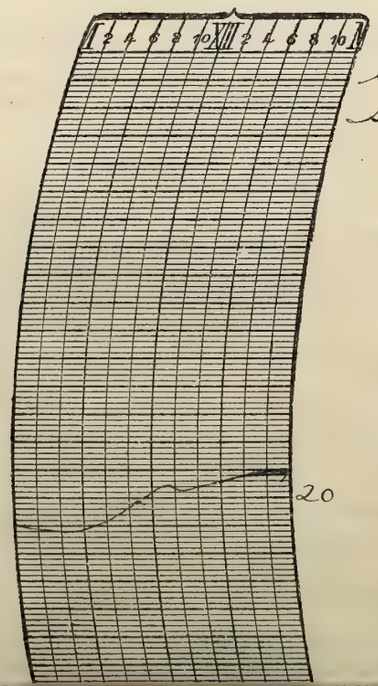
Relative humidity, 75 a. m. 100 p. m.

Reduced barometer, 30.08 a. m. 29.83 p. m.

River gage, 7.00 a.m. 3.7 ft.




NOTES.

Streets and walks partially covered with snow and ice.
Slight fog prevailed from 3.30 p.m. Ended DN p.

Prepared by
Verified by H.T.C.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 29 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 25 | 26 | 26 | 26 | 26 | 25 | 25 | 25 | 26 | 26 | 25 | 25 |
| State of weather: Nature of precipitation and time of beginning and ending | | | RB DN | RE DN | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — | Cloudy | | | — | | |
| Sunrise: Time, 6.55 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | NE | NE | N | NW | W | W | NW | W | W | W | W | W |
| Wind movement | 5 | 3 | 4 | 4 | 6 | 10 | 8 | 9 | 8 | 10 | 11 | 14 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 25 | 25 | 26 | 25 | 24 | 23 | 22 | 22 | 21 | 21 | 20 | 19 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | SB 3.40 | SE 4.40 | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | — | Cloudy | | | | | | | | |
| Sunset: Time, 4.54 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | W | W | W | W | W | W | W | W | W | W | W | W |
| Wind movement | 14 | 16 | 13 | 12 | 13 | 11 | 11 | 11 | 11 | 10 | 12 | 10 |
| Maximum velocities (exceeding miles) direction and time | | | | | | | | | | | | |

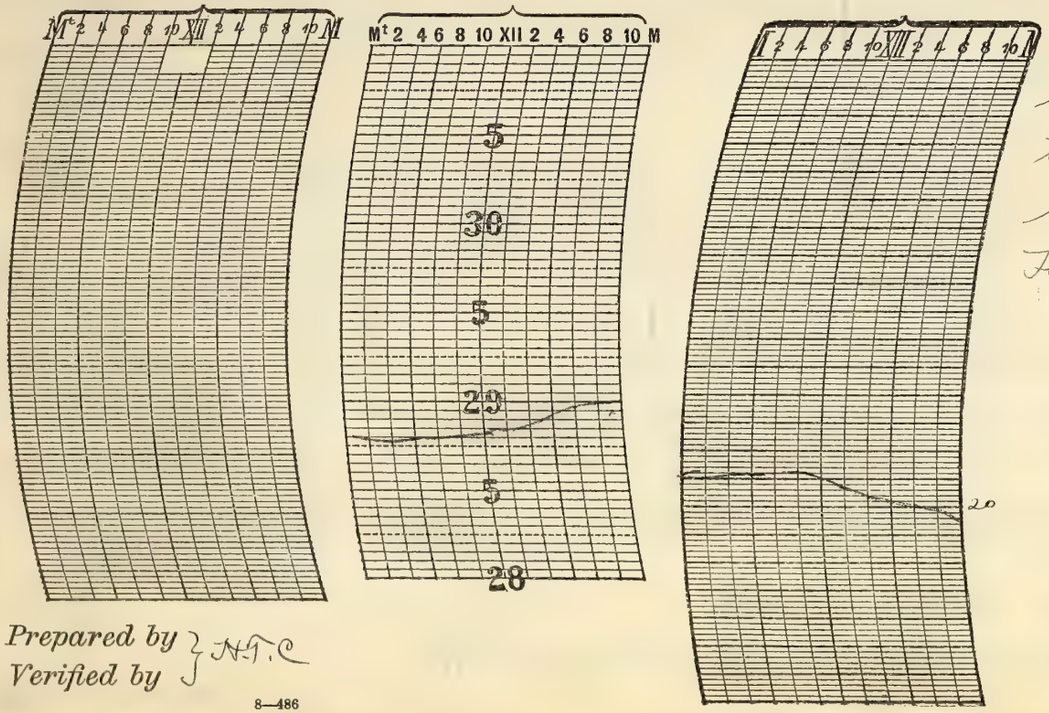
| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 26 | 19 | 22 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.0
Percentage of possible sunshine, 0
Prevailing direction W
Total movement, 236
Average hourly velocity, 9.8

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 Ex. 19 | W | 1.30 p.m |

Relative humidity, 88 a. m. 92 p. m.
Reduced barometer, 29.74 a. m. 29.90 p. m.
River gage, 7.00 a.m. 3.2 ft




NOTES.

Streets and walks covered with a thin layer of ice, ~~deposit~~ deposited by light fog, making them very slippery. Light fog B. 10.00 a.m. E.D.N.P.

Prepared by } N.T.C
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 30 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 18 | 17 | 17 | 17 | 17 | 17 | 18 | 18 | 18 | 19 | 20 | 20 | 22 | 24 | 24 | 23 | 22 | 22 | 22 | 22 | 21 | 21 | 19 | 18 |
| | | | | | SB DN | | | | | | | SE 11.30 | | | SB 2.00 | | | | | | | | | SE DN |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | | | | Cloudy | | | | | | | | | |
| | Sunrise: Time, 6.54 Character, Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.55 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.3 | 0 | 0 | 0 | | | | | | | |
| Wind direction | W | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | W | NW | NW | NW |
| Wind movement | 13 | 13 | 9 | 9 | 9 | 11 | 14 | 13 | 15 | 16 | 15 | 14 | 12 | 14 | 14 | 12 | 11 | 9 | 11 | 9 | 9 | 11 | 10 | 8 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 24 | 17 | 20 | |

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, 0.6 inches.

Precipitation to 7 a. m., .11 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 0.3

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 3

Prevailing direction SW

Total movement, 281

Average hourly velocity, 11.7

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 & 20 | SW | 10.20 a.m. |

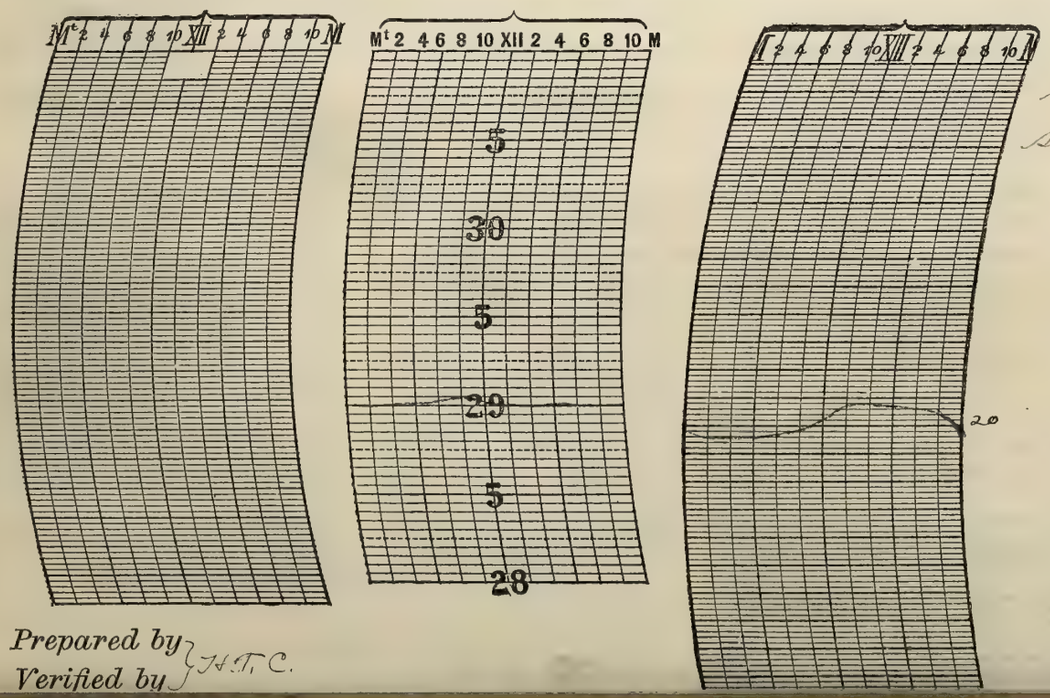
Relative humidity, 86 a. m. 93 p. m.

Reduced barometer, 29.95 a. m. 29.93 p. m.

River gage, 7.00 a.m. 2.9 ft.

NOTES.

Streets and walks covered with light snow and ice.




Prepared by
Verified by } H.T.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 31 1912, 191

Time (local standard) 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 18 | 17 | 17 | 16 | 16 | 14 | 17 | 19 | 21 | 24 | 24 | 25 | 26 | 28 | 29 | 29 | 28 | 27 | 26 | 24 | 23 | 22 | 23 | 24 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | – | Cloudy | | | | → | ← | Clear | – | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0.7 | 1.0 | 1.0 | 1.0 | 0 | | | | | | | |
| Wind direction | NW | NW | NW | NW | W | W | W | SW | SW | SW | SW | W | W | W | SW | SW | SW | SW | SW | SW | SW | S | S | SE |
| Wind movement | 8 | 9 | 8 | 8 | 8 | 9 | 7 | 8 | 10 | 10 | 10 | 13 | 15 | 13 | 12 | 12 | 7 | 5 | 6 | 7 | 7 | 8 | 8 | 6 |

Sunrise: Time, 6.53; Character, Cloudy

Sunset: Time, 4.57; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 29 | 14 | 22 | |

Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.

Snow on ground 7 p. m., 0.5 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.4 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 3.7

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 37

Prevailing direction SW

Total movement, 214

Average hourly velocity, 8.9

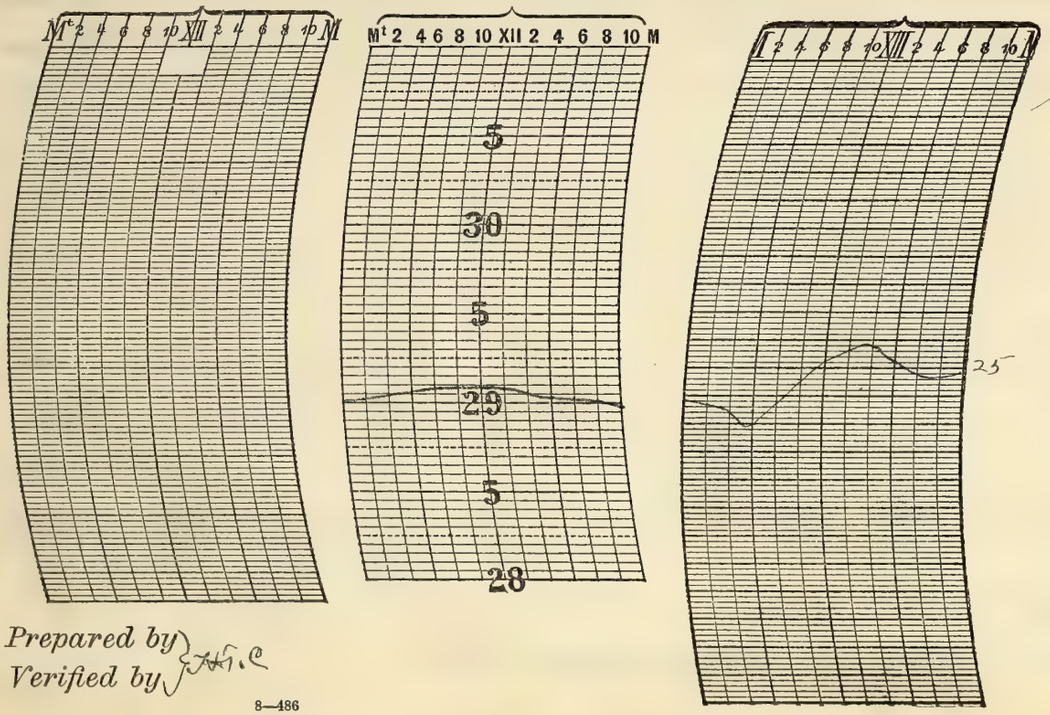
Maximum velocity, 17 Direction, W Time, 12.10 p.m.

Ex 17.

Relative humidity, 88 a. m. 64 p. m.

Reduced barometer, 29.99 a. m. 29.98 p. m.

River gage, 7.00 a.m. 2.8 ft.




NOTES.

Streets and walks covered with snow and ice.

Prepared by
Verified by J.H.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 1 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 24 | 25 | 26 | 27 | 28 | 28 | 29 | 29 | 27 | 27 | 26 | 27 | 24 | 24 | 23 | 23 | 23 | 24 | 24 | 23 | 22 | 22 | 24 | 22 |
| | | SB DN | | | | | | | | | | | | | | | | | | | | SE 9.30 | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | Cloudy | | | | | | | | | | |
| Sunrise: Time, Character, | 6.32 Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character, 4.58 Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | S | SE | SE | S | S | S | S | S | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | W | W |
| Wind movement | 7 | 7 | 7 | 8 | 8 | 9 | 7 | 8 | 11 | 9 | 11 | 14 | 15 | 16 | 16 | 13 | 12 | 13 | 12 | 13 | 12 | 12 | 9 | 10 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Total duration. From— To— | Total amount of precipitation. | Excessive rate. Began— Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | |

/ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 29 | 22 | 26 | |

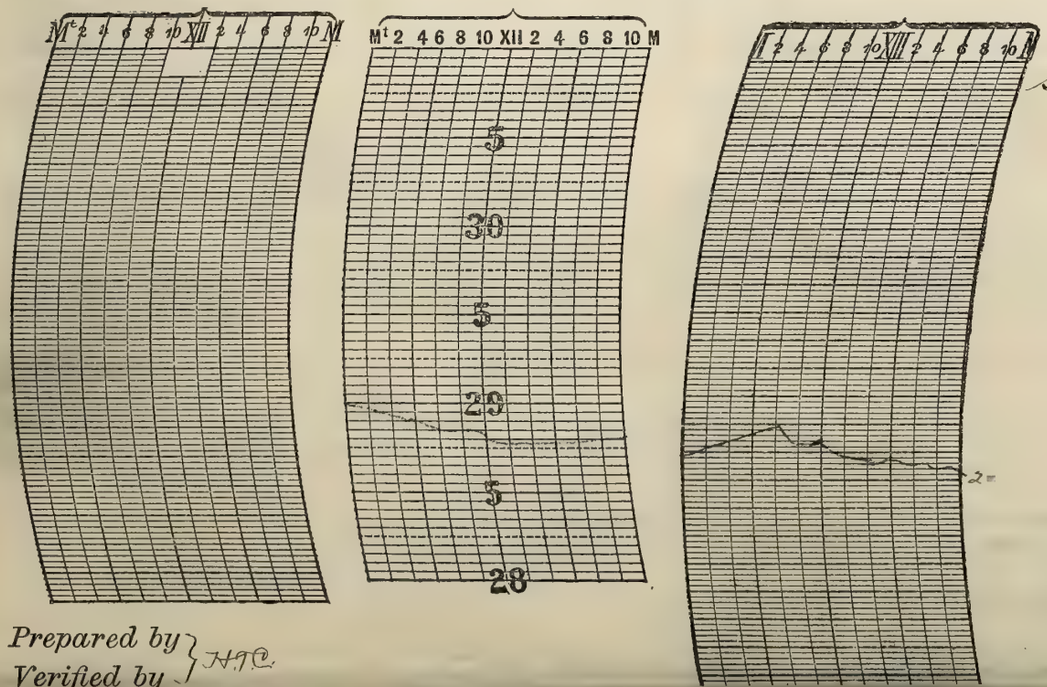
Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.
Snow on ground 7 p. m., 1.3 inches.
Total snowfall, midnight to midnight, 1.0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.1
Percentage of possible sunshine, 0
Prevailing direction SW
Total movement, 259
Average hourly velocity, 10.8

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 Ex 20. | SW | 1.05 p.m. |

Relative humidity, a. m. 94 p. m.
Reduced barometer, 29.76 a. m. 29.71 p. m.
River gage, 2.7 ft

NOTES.

Streets and walks covered with snow and ice.




Prepared by
Verified by } HTC.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 2 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 20 | 19 | 17 | 15 | 13 | 12 | 10 | 12 | 12 | 14 | 14 | 15 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | SB 10.30 | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — | Pt Cloudy | — | — | — |
| Sunrise: Time, Character | 6.51 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0.8 | 0.3 | 0 |
| Wind direction | NW | W | W | W | W | W | W | W | W | W | W | W |
| Wind movement | 12 | 12 | 15 | 13 | 12 | 12 | 10 | 9 | 10 | 9 | 8 | 13 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 15 | 14 | 15 | 13 | 10 | 8 | 6 | 5 | 4 | 3 | 3 | 2 |
| Nature of precipitation and time of beginning and ending | SL 12.10 | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | — | Cloudy | — | — | — | — | — | — | — | — | — | — |
| Sunrise: Time, Character | | | | | | | | | Sunset: Time, Character 4.59 Cloudy | | | |
| Sunshine (in tenths of hours) | 0.6 | 1.0 | 0.6 | 0 | 0 | | | | | | | |
| Wind direction | W | W | W | W | W | W | SW | W | SW | SW | SW | SW |
| Wind movement | 17 | 15 | 16 | 14 | 14 | 9 | 7 | 7 | 6 | 6 | 6 | 6 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 22 | 3 2 | 12 | |

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow on ground 7 p. m., 1.5 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, Full Moon

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 3.3

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 33

Prevailing direction SW

Total movement, 260

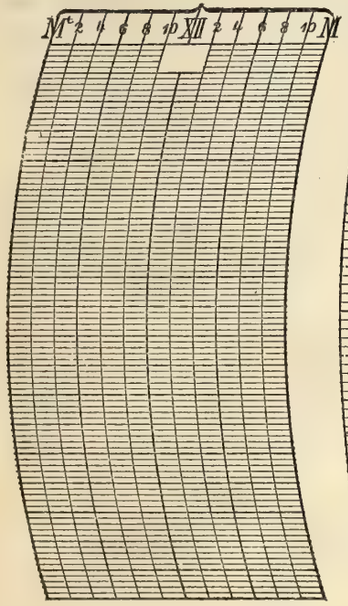
Average hourly velocity, 10.8

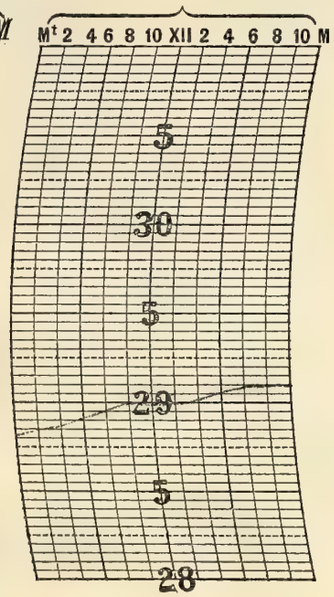
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 22 | W | 1.18 a.m. |
| Ex 23 | | |

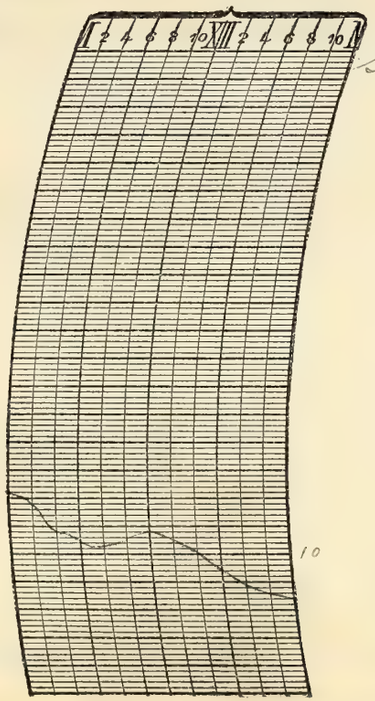
Relative humidity, 73 a. m. 75 p. m.

Reduced barometer, 29.89 a. m. 30.02 p. m.

River gage, 2.6 ft.




NOTES.

Streets and walks covered with snow and ice.

Prepared by
Verified by J.H.A.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 3 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 2 | 2 | 2 | 1 | 0 | -5 | -3 | -1 | 1 | 4 | 5 | 5 |
| | | | | | | | | | | | | SB 11,20 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Cloudy | | | |
| Sunrise: Time, Character, | 6.50 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | SW | SW | SW | S | S | S | N | NE | NE | NE | NE | NE |
| Wind movement | 5 | 6 | 7 | 5 | 5 | 3 | 3 | 4 | 4 | 8 | 10 | 12 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 6 | 7 | 7 | 8 | 8 | 8 | 7 | 7 | 5 | 4 | 5 | 3 |
| | | | | | | | | | | SE 10.00 | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunset: Time, Character, | | | | | | | | | 5.01 Cloudy | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | NE | NE | NE | N | N | NE | NW | NW | NW | NW | W | W |
| Wind movement | 11 | 12 | 11 | 9 | 7 | 8 | 11 | 9 | 7 | 7 | 9 | 16 |

Maximum velocities (exceeding 25 miles) direction and time

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 8 | -5 | 2 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 1.5 inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 187

Average hourly velocity, 7.8

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 18 Ex. 18 | W | 11.40 p.m. |

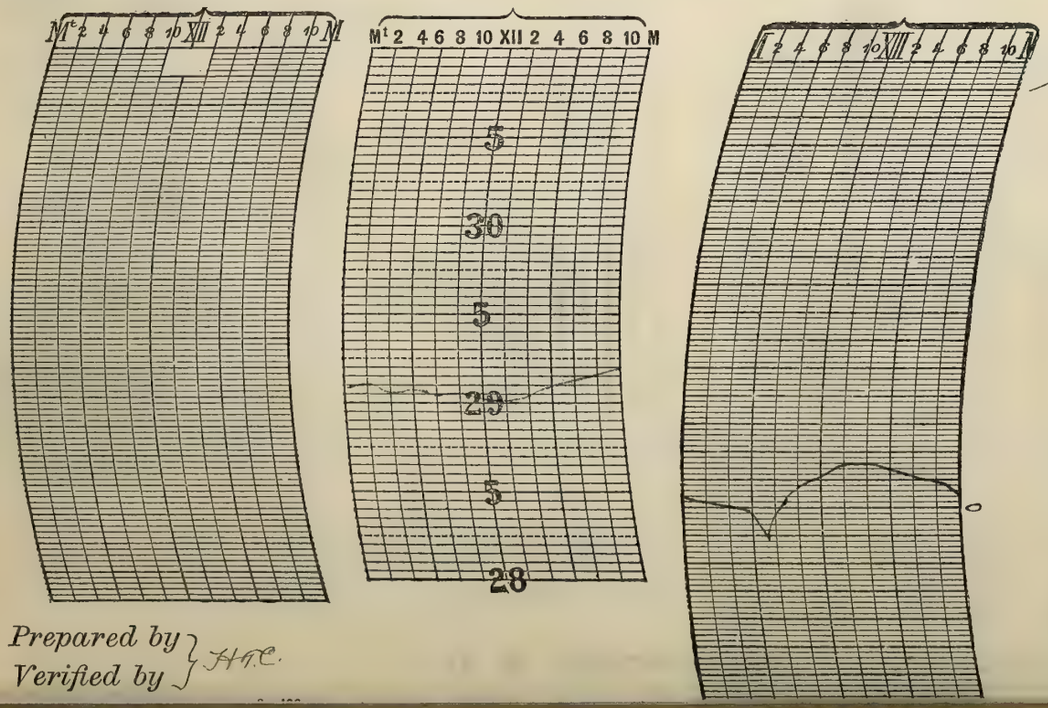
Relative humidity, 70 a. m. 80 p. m.

Reduced barometer, 30.03 a. m. 30.07 p. m.

River gage, 2.7 ft

NOTES.

Streets and walks covered with snow and ice




Prepared by } HAC.
Verified by }

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 4 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 0 | -4 | -5 | -7 | -9 | -10 | -10 | -9 | -6 | -4 | -2 | -1 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | |
| Sunshine (in tenths of hours) | | | | | | | 18 / 0 | 1.0 / 0 | 0.2 / 0.8 | 1.0 | 1.0 | 1.0 |
| Wind direction | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 17 | 14 | 15 | 15 | 17 | 15 | 17 | 16 | 19 | 18 | 21 | 20 |

Sunrise: Time, 6.49; Character, Clear

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 0 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | SB 4:00 | | | | SE 8:00 | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | Clear | | | | → Cloudy | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 0 | 0 | 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | S | S |
| Wind movement | 21 | 20 | 18 | 19 | 17 | 16 | 16 | 15 | 14 | 11 | 11 | 12 |

Sunset: Time, 5.02; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

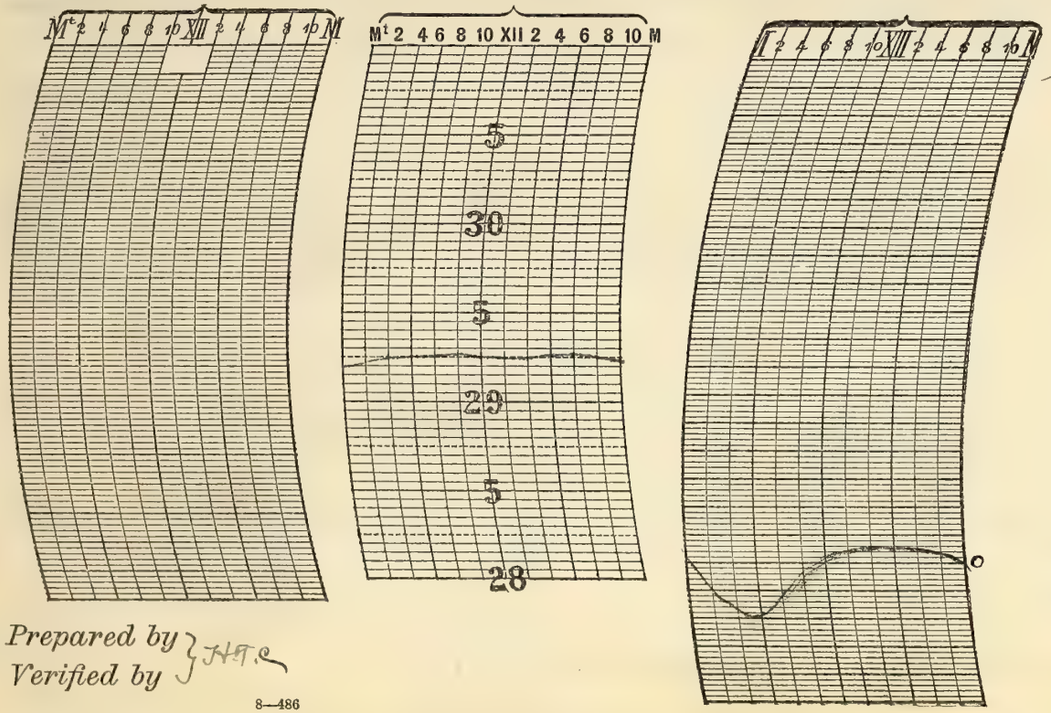
1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 3 | -10 | -4 | |

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow on ground 7 p. m., 1.6 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 8.2
Possible sunshine, hours, 10.2
Percentage of possible sunshine, 80
Prevailing direction SW
Total movement, 394
Average hourly velocity, 16.4

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 24 Ex 24 | SW | 11.14 a.m |

Relative humidity, 79 a. m. 82 p. m.
Reduced barometer, 30.26 a. m. 30.26 p. m.
River gage, 2.6 ft




NOTES.

Streets and walks covered with snow and ice

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 5 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 2 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 5 | 10 | 10 | 11 | 13 | 14 | 13 | 16 | 15 | 15 | 15 | 14 | 11 | 9 | 7 | 7 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | Cloudy | | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 6.48 Character, Cloudy | | | | | | 0 | 0 | 0 | 0.4 | 1.0 | 1.0 | 0.1 | 0 | 0 | 0 | 0 | 0 | | | Sunset: Time, 5.03 Character, Cloudy | | | |
| Wind direction | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | W | W | NW | NW | W | W | W | SW | W | SW | SW |
| Wind movement | 9 | 11 | 8 | 8 | 7 | 8 | 6 | 6 | 7 | 7 | 8 | 11 | 13 | 11 | 9 | 9 | 7 | 6 | 6 | 8 | 8 | 9 | 10 | 10 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 16 | 0 | 8 | |

Total depth of snow for 24 hours ending 7 p. m., 11 inches.

Snow on ground 7 p. m., 16 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 11 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 2.5

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 25

Prevailing direction SW

Total movement, 202

Average hourly velocity, 8.4

Maximum velocity, 15 Ex 15 Direction, W Time. 12.50 p.m.

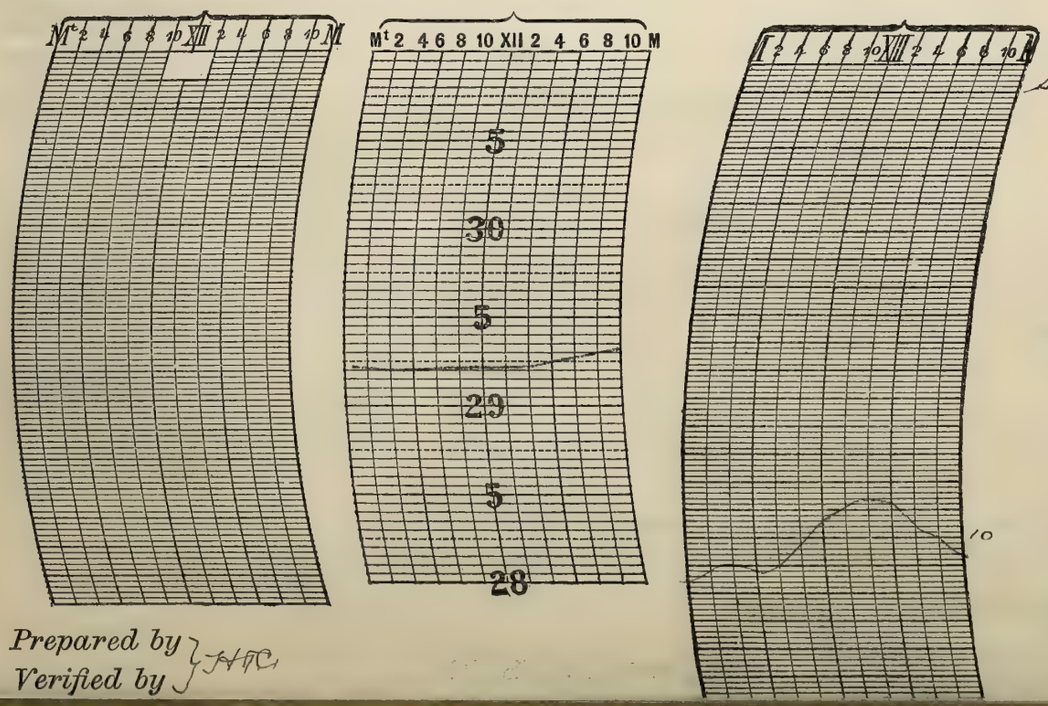
Relative humidity, 92 a. m. 74 p. m.

Reduced barometer, 30.19 a. m. 30.24 p. m.

River gage, 2.6 ft

NOTES.

Streets and walks covered with snow and ice.




Prepared by
Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 6 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 5 | 5 | 6 | 6 | 5 | 6 | 7 | 9 | 12 | 14 | 16 | 19 | 20 | 20 | 21 | 20 | 18 | 16 | 15 | 14 | 13 | 13 | 12 | 13 |
| | | | | | | | SB 6.00 | | SE 8.30 | | | | | | | | SB 4.10 | | | | SE 9.00 | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Cloudy — | | | | | | — Pt Cloudy — | | | | | | | | | | | |
| | Sunrise: Time, 6.47 Character, Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.04 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | 0 | 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 8 | 8 | 10 | 7 | 8 | 10 | 11 | 9 | 10 | 10 | 11 | 10 | 13 | 14 | 15 | 14 | 16 | 15 | 16 | 18 | 15 | 16 | 14 | 14 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 21 | 5 | 13 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 1.6 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 5.6

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 54

Prevailing direction SW

Total movement, 294

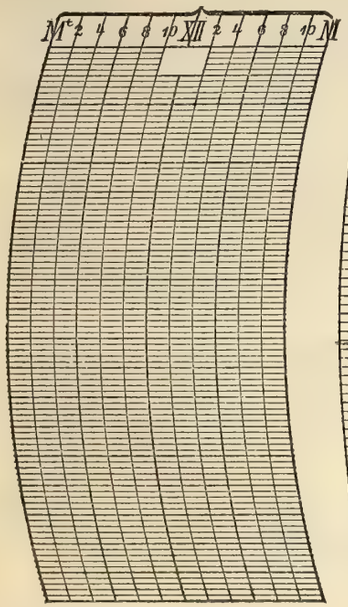
Average hourly velocity, 12.2

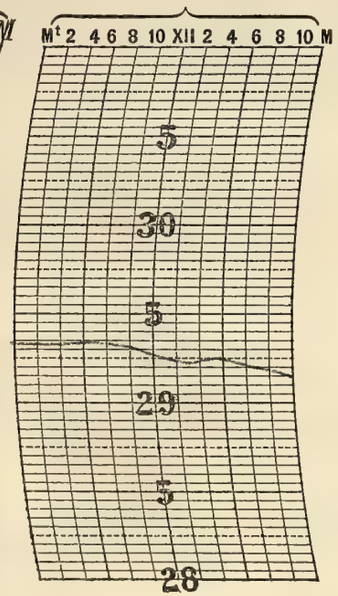
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 23 Ex 23 | SW | 7.30 p.m. |

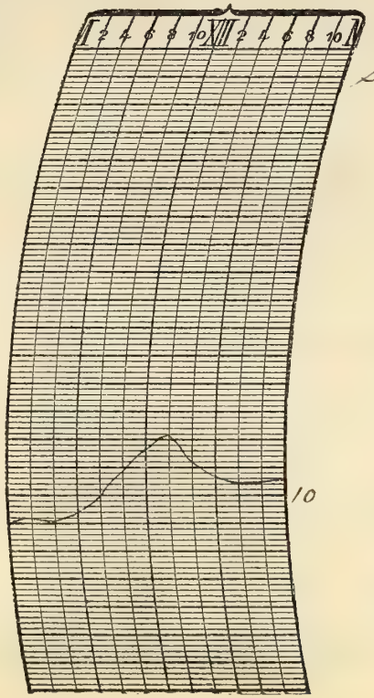
Relative humidity, 95 a. m. 89 p. m.

Reduced barometer, 30.25 a. m. 30.18 p. m.

River gage, 2.5 ft.






NOTES.

Streets and walks covered with snow and ice.

Prepared by
Verified by } J.H.T.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 7 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 13 | 14 | 15 | 15 | 15 SB DN | 15 | 16 | 16 | 17 | 19 | 21 | 23 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Cloudy — | | | | | |
| Sunrise: Time, 6.45 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 16 | 13 | 14 | 15 | 14 | 12 | 14 | 14 | 14 | 14 | 15 | 13 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 23 | 24 | 25 | 25 | 24 | 23 | 23 | 20 | 18 SE 8.30 | 16 | 12 | 9 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Cloudy — | | | | | |
| Sunset: Time, 5.05 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | W | W | W | SW | SW |
| Wind movement | 16 | 13 | 15 | 15 | 15 | 12 | 10 | 13 | 12 | 10 | 13 | 11 |
| Maximum velocities (exceeding miles) direction and time | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 25 | 9 | 17 | |

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow on ground 7 p. m., 1.8 inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 323

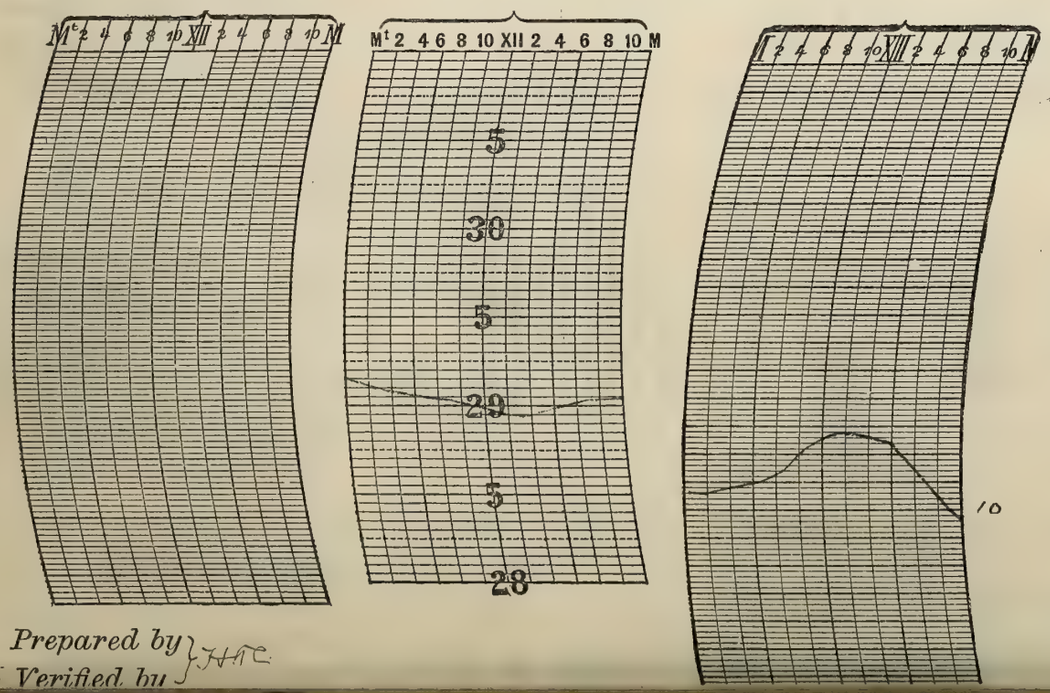
Average hourly velocity, 13.4

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 Ex 19 | SW | 12.05 a.m. |

Relative humidity, 95 a. m. 80 p. m.

Reduced barometer, 30.02 a. m. 29.97 p. m.

River gage, 2.5 ft




NOTES.

Streets and walks covered with snow and ice.

Prepared by }
Verified by } HAC

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 8 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 7 | 5 | 4 | 2 | 1 | -1 | 0 | 1 | 5 | 8 | 11 | 11 | 13 | 14 | 15 | 15 | 13 | 11 | 8 | 6 | 5 | 4 | 4 | 2 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | | Clear | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0 | 0 | | | | | | |
| Wind direction | Sw | Sw | Sw | Sw | Sw | Sw | Sw | Sw | Sw | W | Sw | Sw | Sw | Sw | Sw | Sw | Sw | Sw | Sw | Sw | Sw | Sw | Sw | Sw |
| Wind movement | 12 | 12 | 11 | 11 | 11 | 11 | 11 | 12 | 13 | 12 | 13 | 12 | 14 | 13 | 14 | 11 | 12 | 10 | 11 | 10 | 8 | 9 | 9 | 10 |

Sunrise: Time, 6.44; Character, Cloudy

Sunset: Time, 5.07; Character, Clear

Maximum velocities (exceeding 27 miles) direction and time

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 15 | -1 | 7 | |

Total depth of snow for 24 hours ending 7 p. m., 7 inches.

Snow on ground 7 p. m., 1.7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 8.9

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 8.6

Prevailing direction SW

Total movement, 272

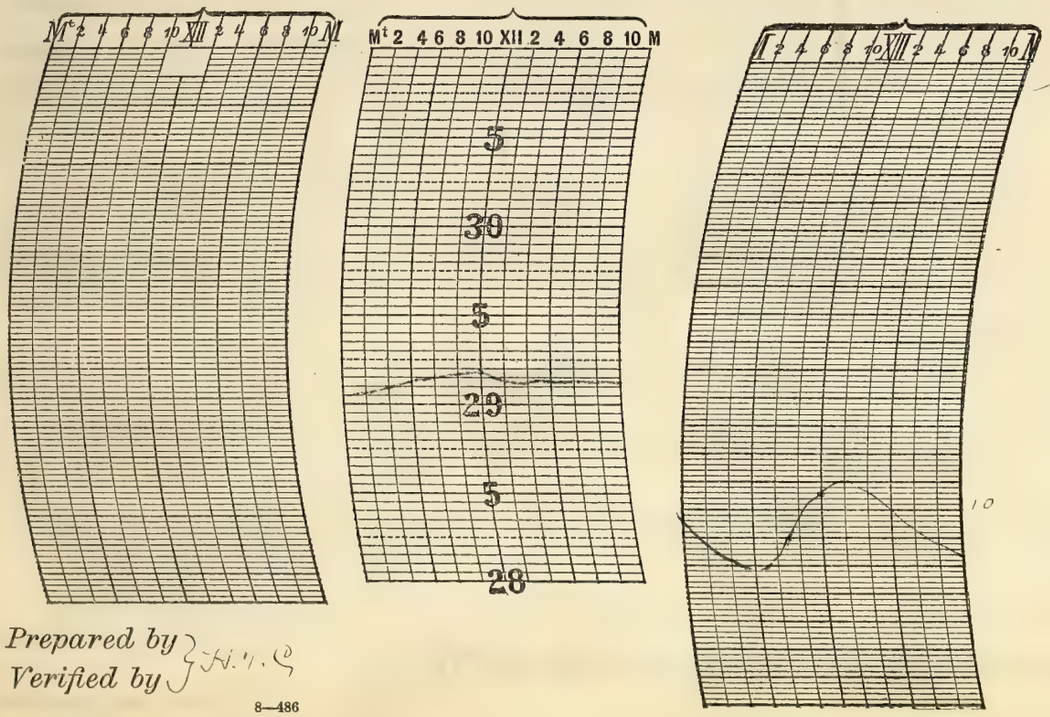
Average hourly velocity, 11.3

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 Ex 16 | SW | 12-55 p.m. |

Relative humidity, 90 a. m. 72 p. m.

Reduced barometer, 30.10 a. m. 30.12 p. m.

River gage, 2.5 ft




NOTES.

Streets and walks covered with snow and ice

Prepared by
Verified by } H. N. C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 9 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 1 | 0 | -1 | -3 | -3 | -4 | -5 | -3 | 0 | 5 | 8 | 8 | 9 | 10 | 10 | 10 | 9 | 7 | 5 | 2 | 1 | 1 | 0 | -2 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Pt Cloudy | | | | Pt Cloudy | | | | | | | | | | | |
| Sunrise: Time, 6.43 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.08 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | .28 0 | 1.0 0 | 0.1 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | 1.0 | 0.9 | 0.2 | 0 | | | | | | |
| Wind direction | W | W | SW | SW | SW | SW | SW | SW | W | W | SW | SW | SW | W | W | W | W | W | W | W | W | NW | N | N |
| Wind movement | 9 | 9 | 10 | 11 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 12 | 13 | 15 | 17 | 16 | 14 | 12 | 10 | 8 | 6 | 7 | 6 | 8 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 10 | 5 | 2 | |

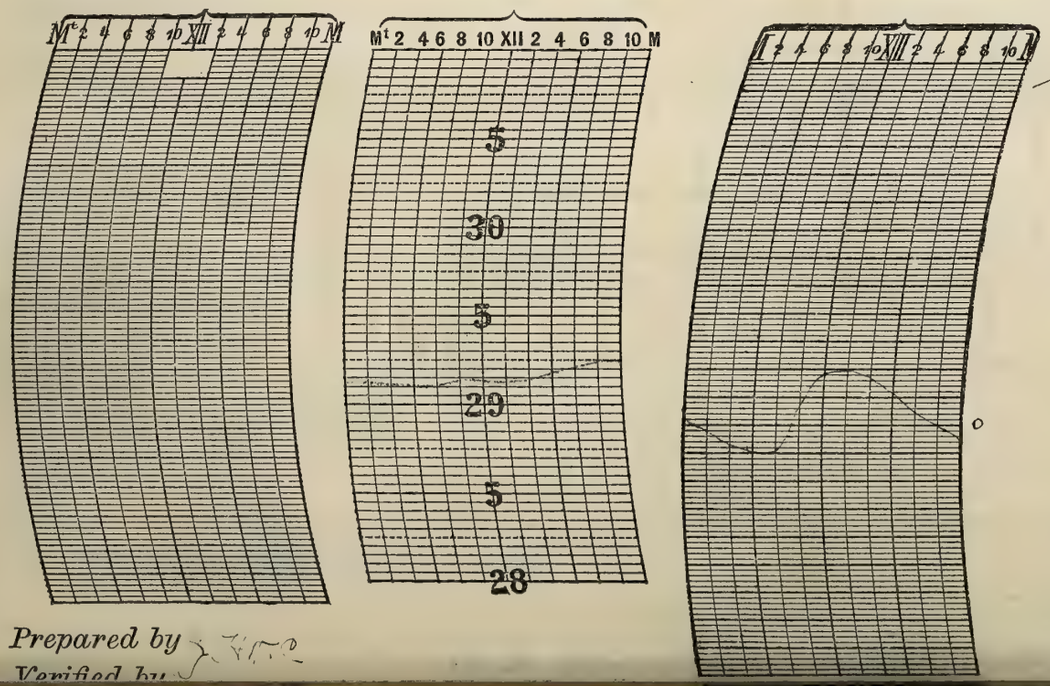
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 17 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Last Quarter.
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 7.1
Possible sunshine, hours, 10.4
Percentage of possible sunshine, 88
Prevailing direction W
Total movement, 250
Average hourly velocity, 10.4

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 Ex 22 | W | 2.15 p.m. |

Relative humidity, 88 a. m. 69 p. m.
Reduced barometer, 30.08 a. m. 30.17 p. m.
River gage, 24 ft.

NOTES.

Streets and walks covered with snow and ice




Prepared by
Verified by

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 10 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | -3 | -4 | -5 | -6 | -7 | -9 | -8 | -6 | -3 | -1 | 1 | 4 | 6 | 8 | 8 | 9 | 8 | 6 | 5 | 4 | 3 | 2 | 2 | 3 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, 6.42; Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.09; Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | | 30 0 | 0.7 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 1.0 0.2 | 0 | | | | | | |
| Wind direction | NE | NE | NE | E | E | E | E | E | E | E | SE | SE | SE | SE | SE | SE | SE | E | E | E | E | E | SE | SE |
| Wind movement | 8 | 5 | 5 | 4 | 6 | 5 | 5 | 3 | 5 | 7 | 8 | 9 | 9 | 9 | 7 | 9 | 4 | 5 | 5 | 6 | 5 | 5 | 5 | 3 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 9 | -9 | 0 | |

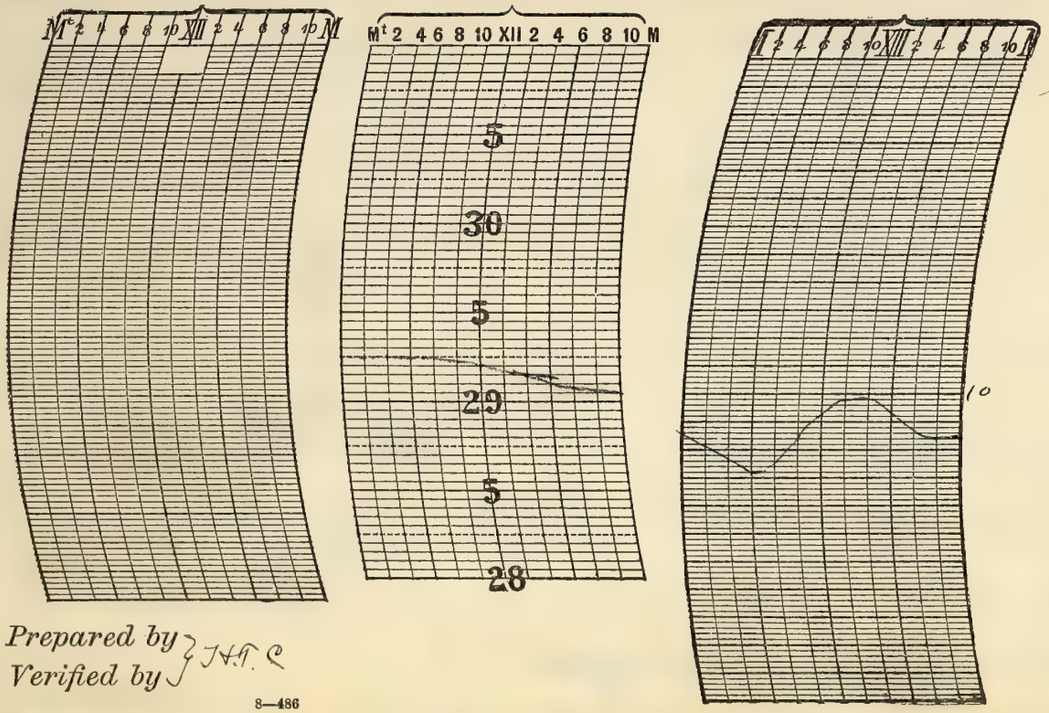
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 4.7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 10.4
Possible sunshine, hours, 10.4
Percentage of possible sunshine, 100
Prevailing direction E
Total movement, 144
Average hourly velocity, 6.0

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 14 Max. 14. | SE | 11.55 a. m. |

Relative humidity, 86 a. m. 74 p. m.
Reduced barometer, 30.23 a. m. 30.08 p. m.
River gage, 2.4 ft.

NOTES.

Streets and walks covered with snow and ice




Prepared by
Verified by } J.H.T. C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 11 1912, 191

Time (local standard), 75 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 4 | 6 | 6 | 6 | 7 | 8 | 10 | 11 | 14 | 18 | 21 | 26 | 28 | 26 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 19 | 18 | 17 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | SG 2.10 | | | | | | SE 8.35 | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | | Cloudy | | | — | — | | Cloudy | | | | | | | | | |
| Sunrise: Time, 6.41; Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.10; Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0.8 | 0.2 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | SE | SE | SE | SE | S | SE | SE | S | SE | S | S | S | S | SW | S | SE | S | S | S | S | S | NE | NE | NE |
| Wind movement | 4 | 7 | 5 | 5 | 4 | 5 | 6 | 6 | 5 | 5 | 5 | 6 | 7 | 9 | 7 | 4 | 7 | 5 | 6 | 7 | 5 | 7 | 8 | 10 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 28 | 3 | 16 | |

Total depth of snow for 24 hours ending 7 p. m., 1.2 inches.

Snow on ground 7 p. m., 2.9 inches.

Total snowfall, midnight to midnight, 1.5 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .12 ins.

Total precipitation, midnight to midnight, .15 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 1.0

Possible sunshine, hours, 10.5

Percentage of possible sunshine, 10

Prevailing direction S

Total movement, 145

Average hourly velocity, 6.0

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 | NE | 11.36 p.m. |
| Ex. 12 | | |

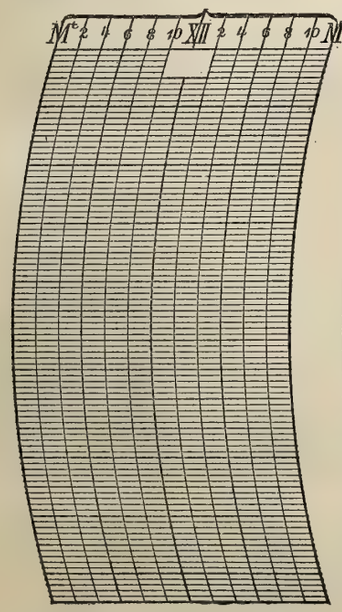
Relative humidity, 89 a. m. 94 p. m.

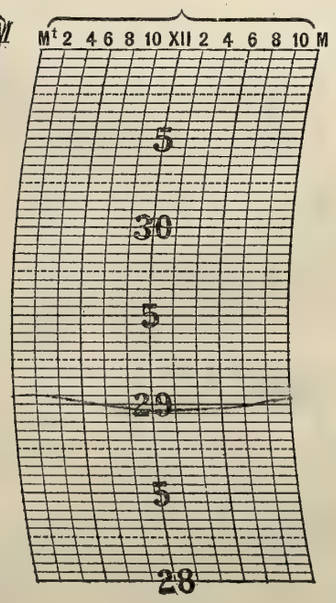
Reduced barometer, 29.98 a. m. 29.97 p. m.

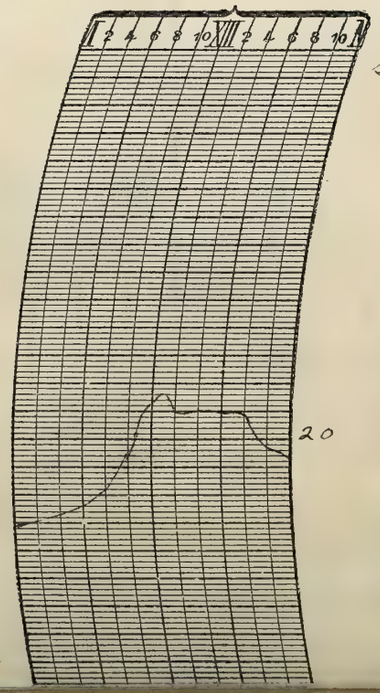
River gage, 2.3 ft.

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts




NOTES.

Streets and walks covered with snow and ice.

Prepared by
Verified by } H.T.C

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 19 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 17 | 14 | 12 | 11 | 10 | 9 | 9 | 10 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 16 | 14 | 12 | 11 | 10 | 8 | 6 | 4 | 3 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | S 13 DN | | | SE 8.10 | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | Pt Cloudy | | | | | — | Clear | | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 6.39 Character, Cloudy | | | | | | 0 | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 0.2 | .20 0 | | | Sunset: Time, 5.12 Character, Clear | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 12 | 15 | 17 | 14 | 14 | 14 | 12 | 13 | 13 | 15 | 14 | 13 | 12 | 12 | 11 | 11 | 9 | 9 | 8 | 6 | 7 | 6 | 6 | 7 |
| Maximum velocities (exceeding 20 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

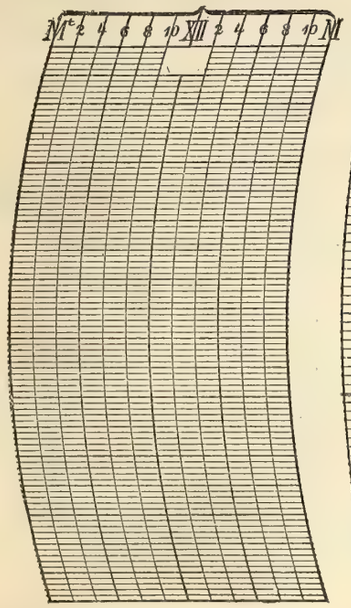
Excessive precipitation, accumulated amounts

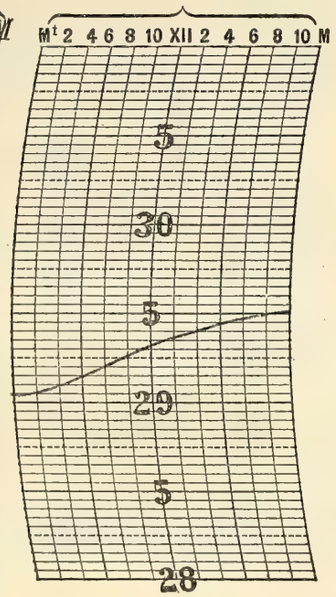
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 17 | 3 | 10 | |

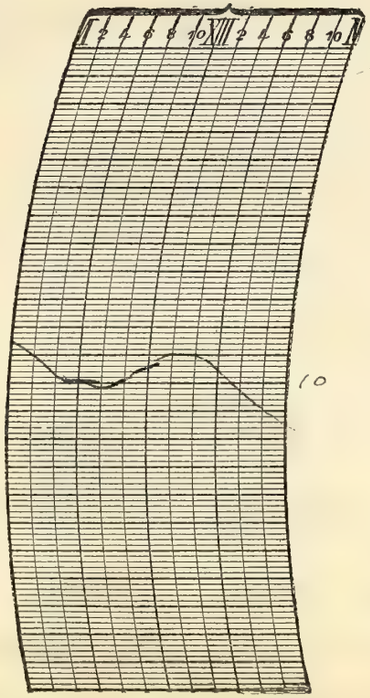
Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.
Snow on ground 7 p. m., 3.2 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0.3 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 8.5
Possible sunshine, hours, 10.6
Percentage of possible sunshine, 80
Prevailing direction NE
Total movement, 270
Average hourly velocity, 11.2

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 Ex 20 | NE | 1.56 a.m. |

Relative humidity, 48 a. m. 83 p. m.
Reduced barometer, 30.16 a. m. 30.42 p. m.
River gage, 2.3 ft






NOTES.

Streets and walks covered with snow and ice

Prepared by }
Verified by } J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 13 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 2 | 1 | 0 | 2 | 2 | 2 | -2 | 2 | 4 | 10 | 14 | 16 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | |
| Sunrise: Time, 6.38 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | .87 0 | 0.4 0.6 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | NE | NE | NE | NE | E | NE | N | NE | NE | NE | E | E |
| Wind movement | 6 | 5 | 6 | 5 | 2 | 3 | 4 | 6 | 7 | 7 | 6 | 6 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 18 | 20 | 22 | 22 | 21 | 20 | 19 | 18 | 16 | 14 | 16 | 16 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Clear | | | | | | | | | |
| Sunset: Time, 5.13 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 0.8 | 0 | 0 | | | | | | |
| Wind direction | E | E | NE | NE | NE | NE | E | E | E | E | E | E |
| Wind movement | 6 | 6 | 6 | 7 | 5 | 6 | 5 | 4 | 5 | 6 | 3 | 3 |

Maximum velocities (exceeding 29 miles) direction and time 7

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 22 | -2 | 10 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 3.1 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 9.2

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 87

Prevailing direction NE

Total movement, 125

Average hourly velocity, 4.3

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 11 Ex. 11 | NE | 9.10 a.m. |

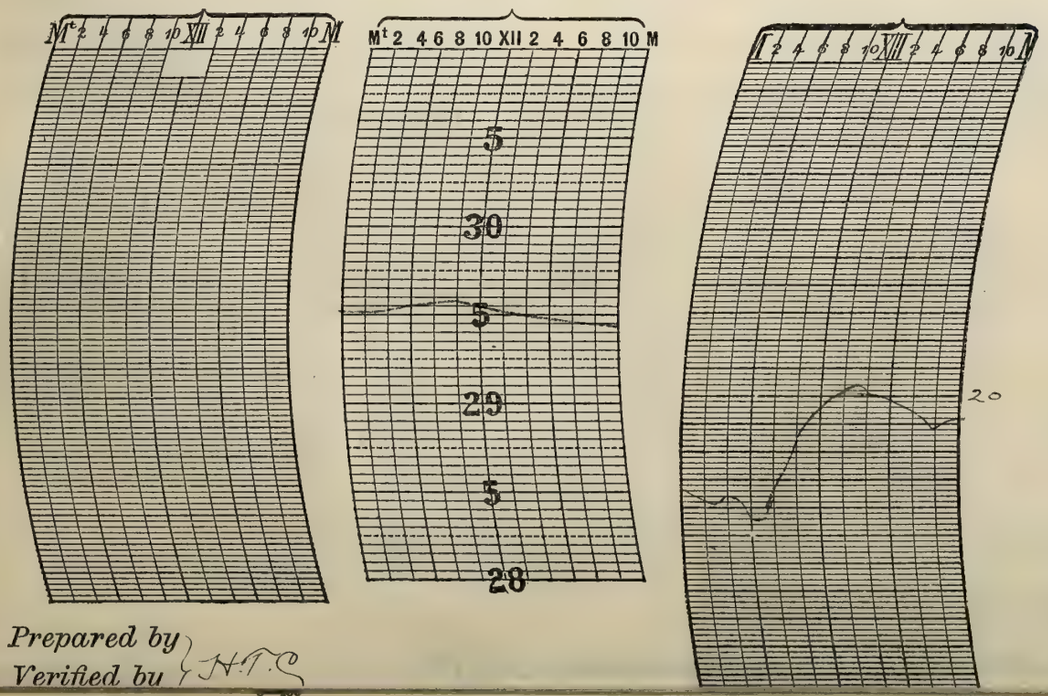
Relative humidity, 82 a. m. 60 p. m.

Reduced barometer, 30.54 a. m. 30.44 p. m.

River gage, 2.3 ft

NOTES.

Streets and walks covered with snow and ice.




Prepared by
Verified by } H.T.S.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 14 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 17 | 18 | 17 | 19 | 20 | 19 | 20 | 20 | 22 | 26 | 28 | 30 | 31 | 31 | 32 | 33 | 33 | 32 | 32 | 32 | 32 | 32 | 30 | 28 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | SB 9.30 SE 10.00 | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | Cloudy | | | | | — | Cloudy | | | | | | | | | | |
| Sunrise: Time, 6.37 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.14 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0.6 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | E | NE | N | N | N | NW | NW | NW | NW | NW | NW | N | N | NE | E | N | NE | NE | NE | E | E | E | SE | SE |
| Wind movement | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 4 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 33 | 16 | 24 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 22 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 0.6

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 6

Prevailing direction N. NW

Total movement, 71

Average hourly velocity, 3.0

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 7 Ex 7 | SE | 11.20 p.m. |

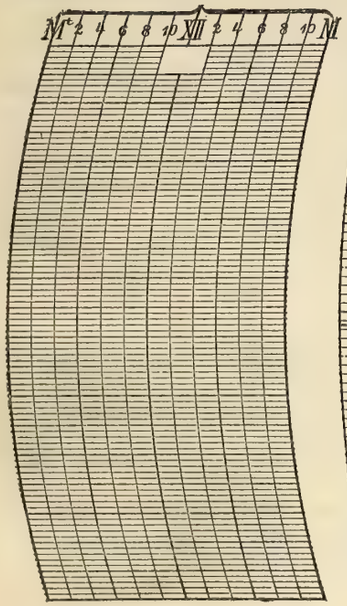
Relative humidity, 82 a. m. 69 p. m.

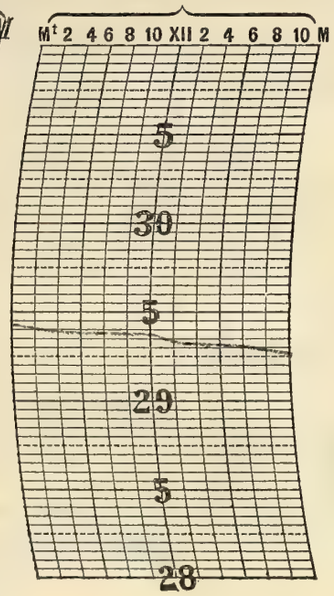
Reduced barometer, 30.34 a. m. 30.28 p. m.

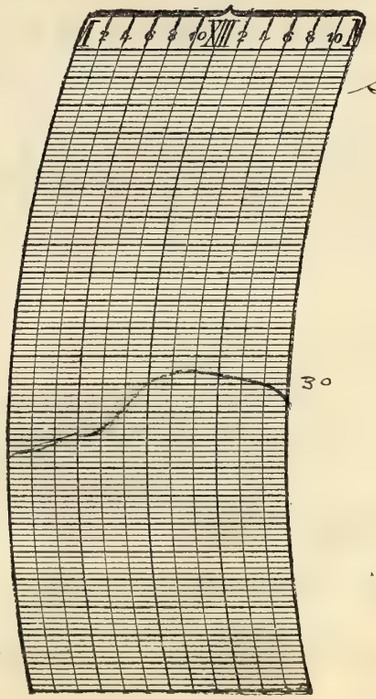
River gage, 2.2 ft

NOTES.

Streets and walks covered with snow and ice.






Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 15 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 27 | 26 | 24 | 25 | 27 | 27 | 28 | 29 | 30 | 32 | 35 | 36 | 40 | 40 | 42 | 42 | 40 | 39 | 38 | 36 | 34 | 33 | 35 | 31 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | | Pt Cloudy | | | | | | | | | |
| | Sunrise: Time, 6.35 | Character, Cloudy | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.15 | Character, Cloudy | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0.8 | 1.0 | 1.0 | 1.0 | 0.9 | 0 | 0 | | | | | | |
| Wind direction | SE | E | E | E | E | SE | E | SE | S | S | S | SW | SW | SW | S | S | S | S | S | S | S | SW | S | SW |
| Wind movement | 2 | 3 | 3 | 3 | 6 | 3 | 3 | 4 | 5 | 7 | 7 | 7 | 7 | 6 | 7 | 5 | 5 | 4 | 6 | 7 | 6 | 6 | 7 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

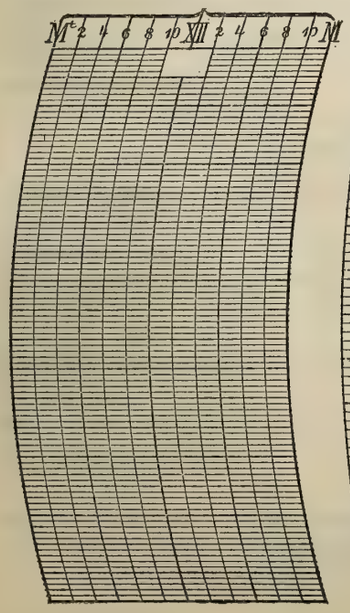
Excessive precipitation, accumulated amounts

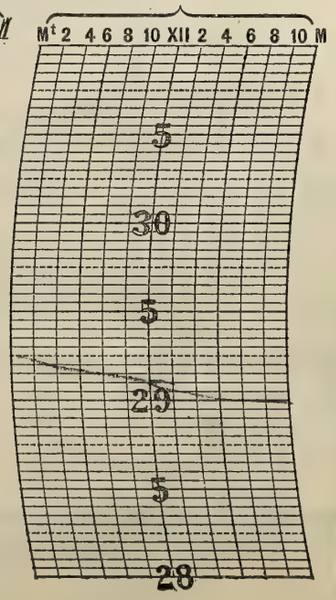
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 42 | 24 | 33 | |

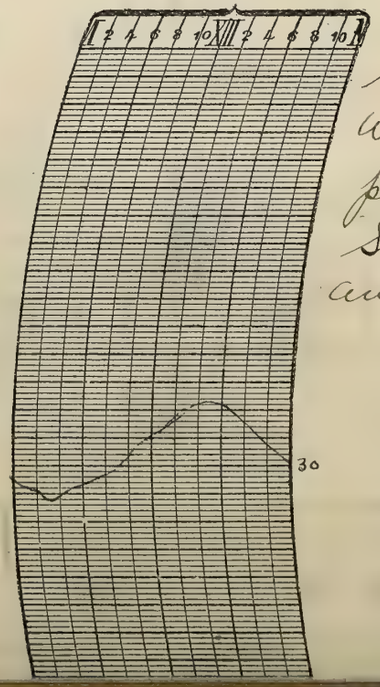
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy. Moon phase,
Average daily cloudiness (0–10) 7
Actual sunshine, hours, 4.7
Possible sunshine, hours, 10.7
Percentage of possible sunshine, 44
Prevailing direction S
Total movement, 126
Average hourly velocity, 5.2

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 10 | S | 11.18 a.m. |
| Ex 10 | | |

Relative humidity, 86 a. m. 69 p. m.
Reduced barometer, 30.12 a. m. 29.95 p. m.
River gage, 2.3 ft




## NOTES.

Streets covered with snow and ice
Walks covered with snow and ice in many places.
Streets and walks slushy from thawing snow and ice

Prepared by
Verified by J.H.T.C

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 16 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 30 | 29 | 29 | 26 | 25 | 26 | 28 | 28 | 27 | 28 | 29 | 30 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | RB DN | | RE 720 | | | | |
| Amounts of precipitation | | | | | | T | T | T | | | | |
| Cloudiness and other conditions | | | | | | | | | Cloudy | | | |
| Sunrise: Time, 6.34 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | SW | SW | SW | NW | NW | SW | SW | SW | SW | W | W | W |
| Wind movement | 7 | 6 | 5 | 7 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| Maximum velocities (exceeding X 7 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 31 | 32 | 32 | 33 | 32 | 31 | 31 | 30 | 29 | 30 | 29 | 28 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | Cloudy | | | | | | | | |
| Sunset: Time, 5.16 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | S | SW | S | S | S | SE | S |
| Wind movement | 4 | 4 | 4 | 5 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | 3 |
| Maximum velocities (exceeding X 7 miles) direction and time | | | | | | | | | | | | |

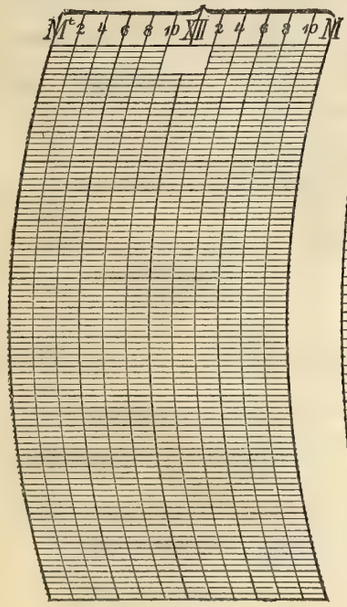
| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

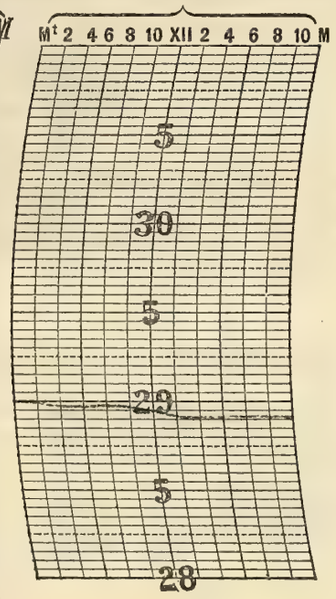
1 hours slower than 75th meridian time.

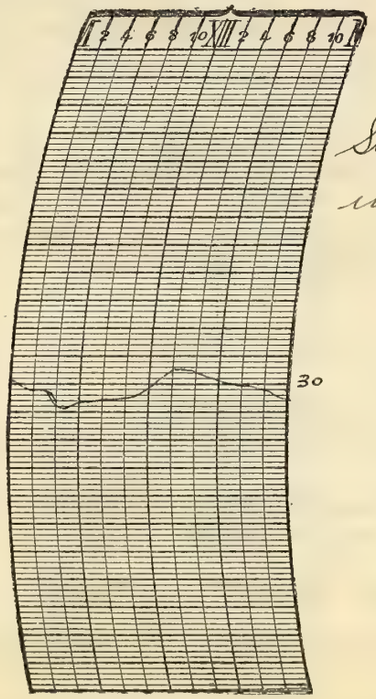
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 33 | 25 | 30 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.7
Percentage of possible sunshine, 0
Prevailing direction SW
Total movement, 109
Average hourly velocity, 4.5

| | Maximum velocity, | Direction, | Time. |
|---|---|---|---|
| | 8 Ex. 8, | NW | 3.15 a.m. |
| Relative humidity, | 92 a. m. | | 84 p. m. |
| Reduced barometer, | 29.91 a. m. | | 29.86 p. m. |
| River gage, | 2.3 ft | | |




NOTES.

Lt fog. B 7.30 a.m, E 10.00 a.m.
Streets and walks covered with snow and ice in many places.

Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 17 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 28 | 28 | 27 | 28 | 29 | 28 | 28 | 28 | 29 | 29 | 30 | 32 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — | Cloudy | | | | | |
| Sunrise: Time, 6.33 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0.6 |
| Wind direction | S | SE | S | S | S | S | SE | S | SE | SE | SE | E |
| Wind movement | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 6 | 5 | 5 | 3 | 3 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 38 | 41 | 42 | 42 | 41 | 40 | 39 | 40 | 41 | 40 | 39 | 39 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | — | Pt Cloudy | — | | | | | | | | | |
| Sunset: Time, 5.18 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 0.1 | 0 | 0 | | | | | | |
| Wind direction | SE | E | E | SE | E | E | E | SE | SE | SE | SE | SE |
| Wind movement | 3 | 3 | 3 | 3 | 4 | 2 | 4 | 5 | 6 | 8 | 6 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 42 | 27 | 34 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 7

Actual sunshine, hours, 3.7

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 34

Prevailing direction SE

Total movement, 105

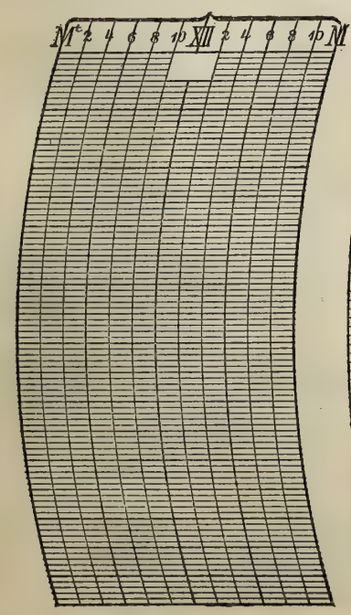
Average hourly velocity, 4.4

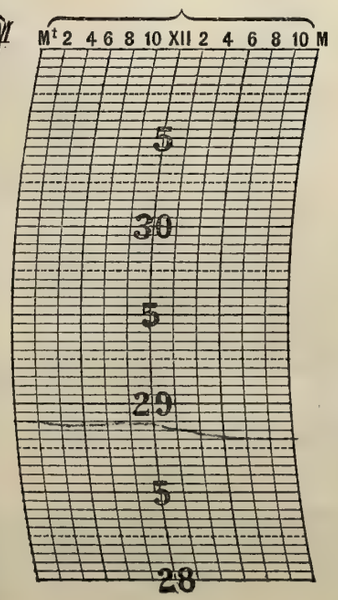
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 10 Ex 10 | SE | 9.45 p.m. |

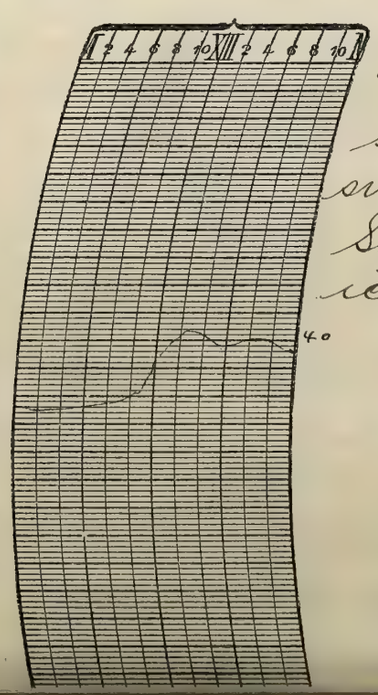
Relative humidity, 98 a. m. 92 p. m.

Reduced barometer, 29.85 a. m. 29.77 p. m.

River gage, 2.3 ft.






**NOTES.**

Dense Fog began P.M. Ended 10.00 a.m.
Streets and walks slushy from thawing snow and ice.
Streets and walks covered with snow and ice in many places

Prepared by } H.T.C.
Verified by }

Form No. 1014—Met. 1.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 18 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 38 | 38 | 38 | 38 | 37 | 37 | 36 37 | 39 | 41 | 44 | 46 | 45 | 45 | 43 | 45 | 44 | 40 | 40 | 40 | 40 | 40 | 41 | 40 | 41 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | — Cloudy — | | | | | | | | | | | | — Cloudy — | | | | | | | | | | | |
| Sunrise: Time, 6.31 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.19 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0.4 | 1.0 | 0.6 | 0 | 0 | 0 | 0.4 | 0 | 0 | | | | | | |
| Wind direction | SE | SE | S | S | SE | SE | SE | SE | S | SW | SW | W | W | SW | SW | S | S | S | S | S | SW | S | S | SW |
| Wind movement | 6 | 8 | 6 | 6 | 5 | 5 | 5 | 3 | 4 | 6 | 8 | 8 | 4 | 6 | 6 | 5 | 6 | 8 | 8 | 9 | 9 | 8 | 9 | 12 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 46 | 36 | 41 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, New Moon

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 2.4

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 22

Prevailing direction S

Total movement, 158

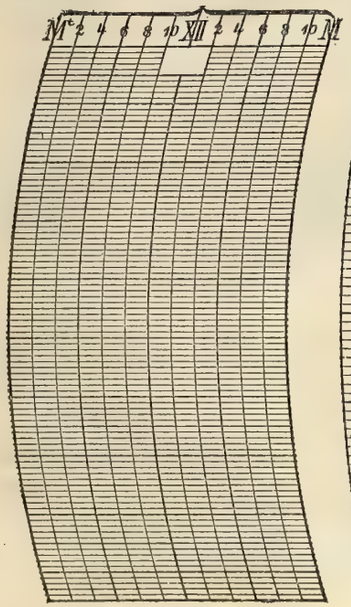
Average hourly velocity, 6.6

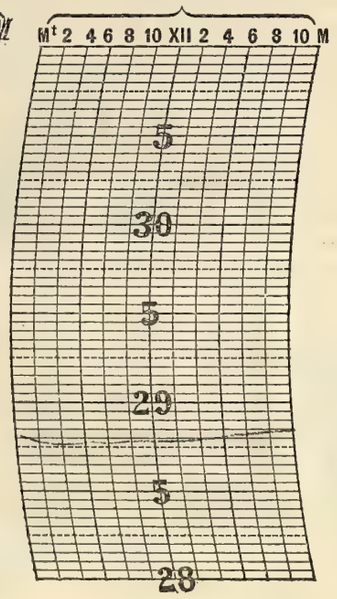
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 | SW | 11.45 p.m. |
| Ex. 12 | | |

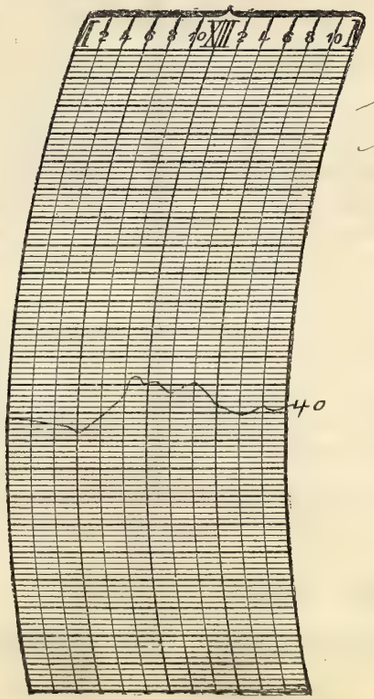
Relative humidity, 86 a. m. 84 p. m.

Reduced barometer, 29.71 a. m. 29.77 p. m.

River gage, 2.5 ft.






NOTES.

Streets and walks covered with snow and ice in many places

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 1 0 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 41 | 40 | 40 | 39 | 38 | 38 | 37 | 36 | 34 | 36 | 39 | 40 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | |
| Sunrise: Time, 6.30 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0.8 | 1.0 |
| Wind direction | S | S | SW | SW | SW | SW | SW | W | NW | NW | NW | NW |
| Wind movement | 8 | 10 | 9 | 10 | 9 | 8 | 7 | 8 | 9 | 8 | 5 | 5 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 41 | 43 | 41 | 41 | 38 | 36 | 35 | 34 | 32 | 32 | 30 | 29 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Pt Cloudy | | | | | | | | | |
| Sunset: Time, 5.20 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 0.2 | 0 | 0 | 0 | | | | | | |
| Wind direction | NW | NW | NW | NW | W | W | NW | NW | NW | W | NW | NW |
| Wind movement | 5 | 5 | 6 | 6 | 6 | 7 | 8 | 8 | 6 | 6 | 7 | 6 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

/ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 43 | 29 | 36 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 4.0

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 37

Prevailing direction NW

Total movement, 172

Average hourly velocity, 7.2

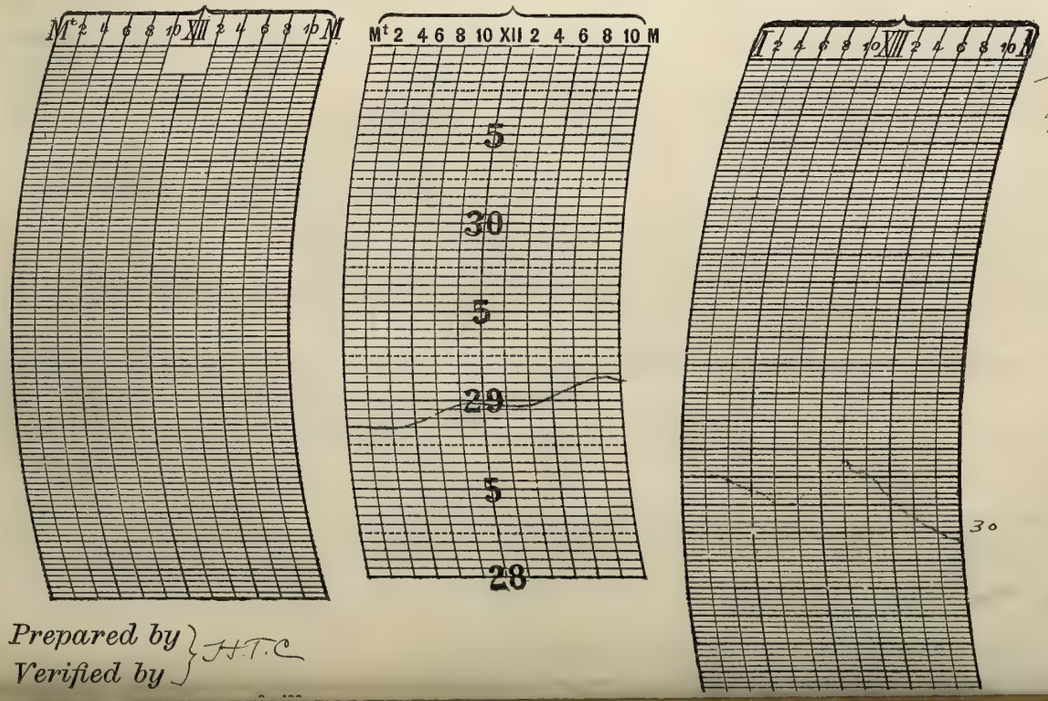
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 11 | SW | 2.20 a.m. |

Ex 11

Relative humidity, 89 a. m. 77 p. m.

Reduced barometer, 29.81 a. m. 30.00 p. m.

River gage, 3.8 ft.




NOTES.

Streets and walks covered with snow and ice in many places

Prepared by } H.T.C.
Verified by }

Form No. 1014—Met. 1.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 20 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 28 | 28 | 26 | 26 | 26 | 25 | 25 | 26 | 26 | 30 | 31 | 33 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Partly Cloudy — | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 52 0 | 0.5 0.5 | 0.2 | 0 | 0.4 | 1.0 |
| Wind direction | NW | NW | NW | NW | NW | NW | NW | NW | N | NE | NE | NE |
| Wind movement | 5 | 6 | 6 | 5 | 4 | 4 | 4 | 6 | 8 | 9 | 7 | 8 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 35 | 35 | 35 | 34 | 33 | 32 | 32 | 31 | 30 | 29 S 13 9.50 | 26 | 24 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Cloudy — | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 0.6 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 8 | 9 | 11 | 12 | 10 | 13 | 15 | 16 | 19 | 20 | 22 | 19 |

Sunrise: Time, 6.29 Character, Clear

Sunset: Time, 5.21 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time 7

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 35 | 24 | 30 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 1.0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 4.7

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 43

Prevailing direction NE

Total movement, 246

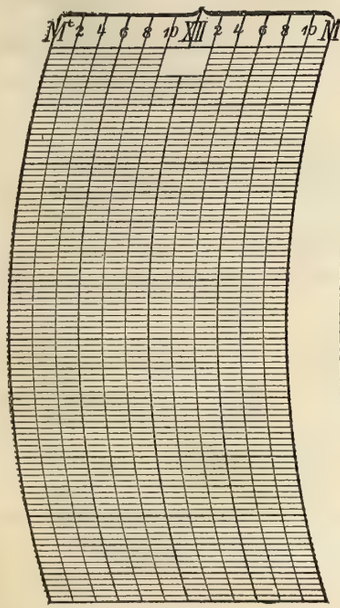
Average hourly velocity, 10.2

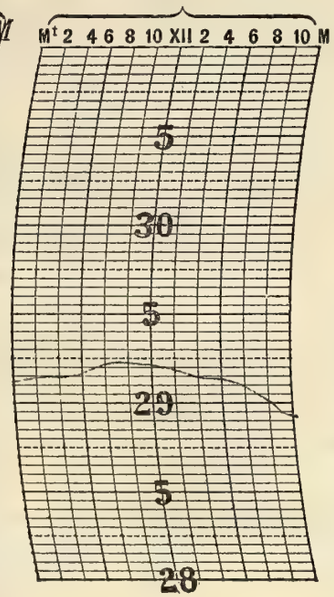
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 26 Ex 28 | NE | 10.15 p. m. |

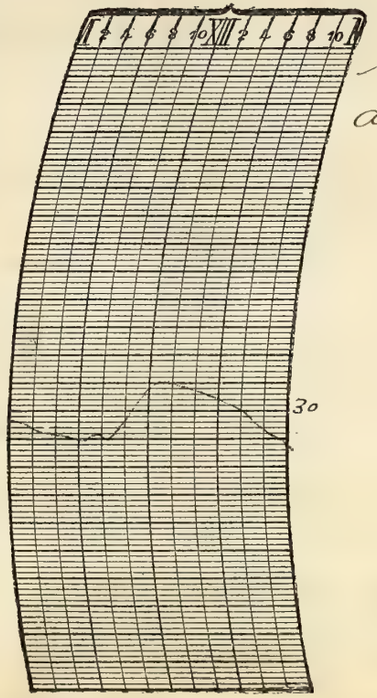
Relative humidity, 84 a. m. 74 p. m.

Reduced barometer, 30.17 a. m. 30.00 p. m.

River gage, 6.8 ft




NOTES.

Streets and walks covered with snow and ice in many places

Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 21 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 23 | 22 | 21 | 21 | 21 | 21 | 22 | 22 | 21 | 21 | 20 | 20 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | |
| Sunrise: Time, 6.27 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 21 | 21 | 24 | 27 | 29 | 32 | 32 | 35 | 33 | 31 | 32 | 27 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | 31 NE 3.35 | 30 NE 4.45 | 34 NE 5.45 | 39 NE 6.15 | 42 NE 7.40 | 40 NE 8.55 | 38 NE 9.20 | 38 NE 10.35 | 31 NE 11.00 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 20 | 20 | 19 | 18 | 17 | 14 | 13 | 13 | 12 | 12 | 13 | 15 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunset: Time, 5.22 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | NE | NE | N | N | N | N | NW | NW | NW | NW | NW | NW |
| Wind movement | 27 | 21 | 20 | 21 | 18 | 22 | 28 | 27 | 26 | 27 | 28 | 17 |
| Maximum velocities (exceeding 27 miles) direction and time | 31 NE 12.50 | | | | | | 35 NW 6.40 | 33 NW 7.30 | | 37 NW 9.55 | 32 NW 10.10 | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 24 | 12 | 18 | |

Total depth of snow for 24 hours ending 7 p. m., 12.4 inches.

Snow on ground 7 p. m., 12.4 inches.

Total snowfall, midnight to midnight, 12.0 inches.

Precipitation to 7 a. m., .34 ins.; to 7 p. m., .90 ins.

Total precipitation, midnight to midnight, 1.20 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 626

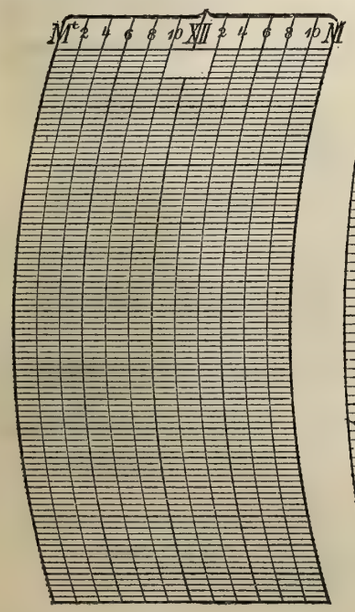
Average hourly velocity, 26.1

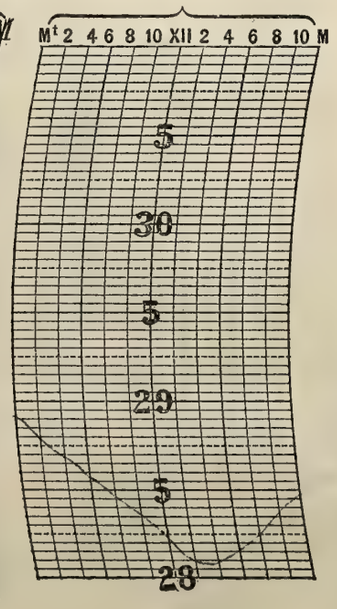
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 42 44 | NE | 7.40 a.m. |

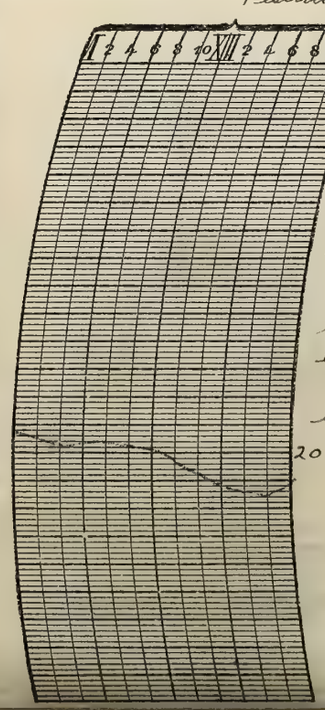
Relative humidity, 96 a. m. 88 p. m.

Reduced barometer, 29.48 a. m. 29.17 p. m.

River gage, 7.1 ft.






+estimated Thunder heard at 11.00 a.m

**NOTES.**

Snow that began at 9.50 p.m of the 20. continued through the entire day accompanied by high winds which blew the snow in deep drifts in the streets and alleys blocking the streets so that street cars were unable to operate, but few taxicabs were able to operate, and walking was very difficult. Railroads experienced much difficulty to operate their trains that were many hours late. Telegraph and Telephone companies experienced but little trouble from wire trouble.

The oldest inhabitants of this vicinity say it is the most severe storm ever experienced here.

The snow averaged 12.4 inches in depth at 7.00 p.m. ~~on the~~

Prepared by
Verified by } H.T.C

Form No. 1014—Met 1.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 22 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 16 | 19 | 17 | 16 | 16 | 15 | 15 | 15 | 16 | 17 | 18 | 18 |
| State of weather: Nature of precipitation and time of beginning and ending | | | SE DN. | | | | | | | | | SB 11.00 SE 11.40 |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — Clear — | | | | |
| Sunshine (in tenths of hours) | | | | | | | 57 0 | 0.4 0.6 | 1.0 | 1.0 | 0.9 | 1.0 |
| Wind direction | NW | NW | W | W | W | W | W | W | W | W | W | SW |
| Wind movement | 20 | 26 | 22 | 20 | 23 | 20 | 25 | 26 | 23 | 23 | 22 | 22 |
| Maximum velocities (exceeding 29 miles) direction and time | | 30 NW 1.10 | | | | | | 31 W 7.30 | | | 30 W 10.02 | |

Sunrise: Time, 6.26; Character, Clear

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 19 | 20 | 20 | 20 | 19 | 18 | 17 | 16 | 16 | 15 | 15 | 14 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | — Clear — | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 0.9 | 0 | 0 | | | | | | |
| Wind direction | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 19 | 21 | 19 | 18 | 15 | 14 | 13 | 12 | 11 | 11 | 10 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

Sunset: Time, 5.24; Character, Cloudy

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 20 | 14 | 17 | |

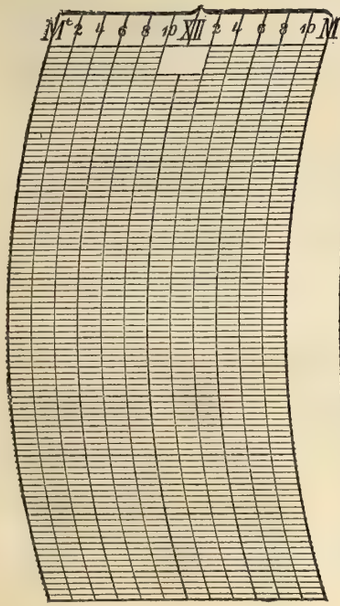
Total depth of snow for 24 hours ending 7 p. m., 1.5 inches.
Snow on ground 7 p. m., 13.9 inches.
Total snowfall, midnight to midnight, 0.9 inches.
Precipitation to 7 a. m., .15 ins.; to 7 p. m., .7 ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 9.4
Possible sunshine, hours, 11.0
Percentage of possible sunshine, 85
Prevailing direction SW
Total movement, 444
Average hourly velocity, 18.5

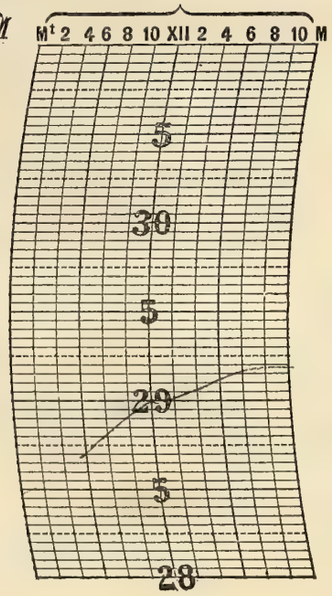
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 31 | W | 7.30 a.m. |

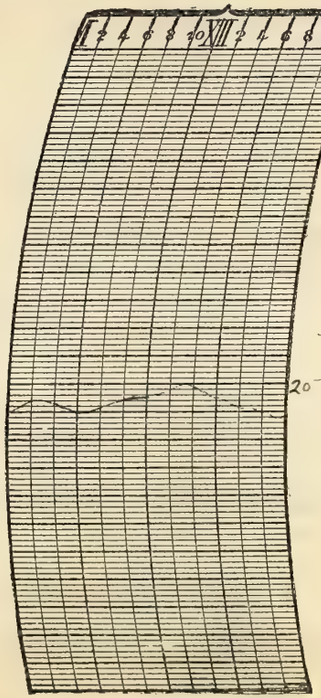
Ex 32

| | a. m. | p. m. |
|---|---|---|
| Relative humidity, | 75 | 77 |
| Reduced barometer, | 29.77 | 30.11 |

River gage, 7.3 ft.






NOTES.

Streets and walks still blocked with snowdrifts. Streetcar service still unable to operate many cars. Walking very difficult on account of snowdrifts. Railroad trains still running many hours from their schedule time.
Average depth of snow for the storm ~~was~~ is 13.9 in. but drifts several feet deep are found in many places

Prepared by } H.T.C
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 23 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 14 | 14 | 14 | 15 | 16 | 19 | 22 | 23 | 25 | 28 | 33 | 35 | 37 | 36 | 37 | 38 | 38 | 37 | 37 | 37 | 36 | 35 | 35 | 36 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | * | | Cloudy | | | | | | | | | |
| Sunrise: Time, Character | 6:24 Clear | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character | 5:25 Cloudy | | |
| Sunshine (in tenths of hours) | | | | | | | .60 0 | 0.4 0.6 | 1.0 | 1.0 | 1.0 | 0.8 | 1.0 | 0.4 | 0.3 | 0 | 0 | 0 | | | | | | |
| Wind direction | SW | S | S | S | S | S | SW | SW | SW | SW | SW | SW | S | SW | S | S | S | S | S | SW | S | S | S | SW |
| Wind movement | 10 | 11 | 12 | 13 | 15 | 16 | 16 | 19 | 17 | 20 | 21 | 18 | 19 | 18 | 19 | 17 | 19 | 15 | 15 | 14 | 15 | 16 | 15 | 13 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 38 | 14 | 26 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 8.0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, PCloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 7.1

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 65

Prevailing direction SW

Total movement, 383

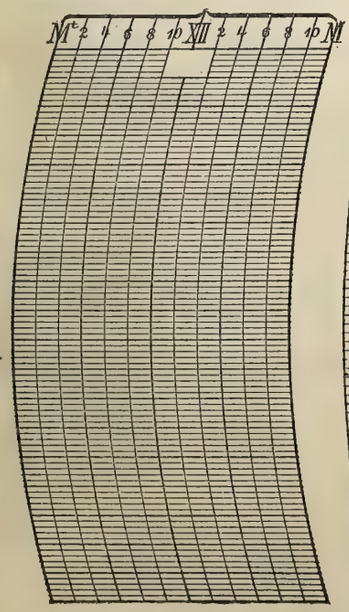
Average hourly velocity, 16.0

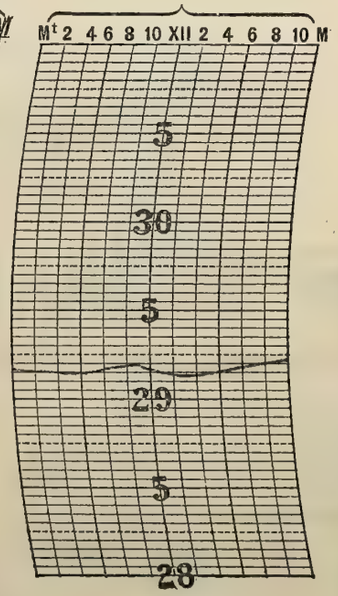
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 25 Ex 26 | S | 10.02 p.m. |

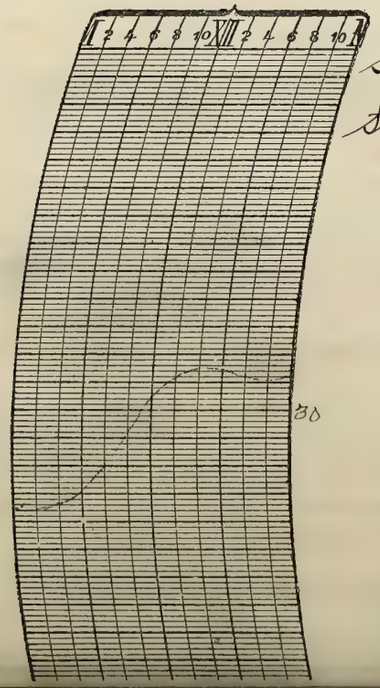
Relative humidity, 68 a. m. 58 p. m.

Reduced barometer, 30.10 a. m. 30.11 p. m.

River gage, 7.8 ft






NOTES.

Streets and walks slushy from melting snow.

~~Street car service on schedule time during the afternoon~~

Prepared by
Verified by HHR

FORM NO. 1011—MOT 1.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

FEB 24 1912

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) ....., 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 37 | 37 | 35 | 35 | 35 | 35 | 34 | 34 | 37 | 39 | 41 | 42 | 44 | 44 | 43 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Cloudy — | | | | | | — Pt Cloudy — | | | | | | | | | | | |
| Sunrise: Time, 6.23 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.26 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0.7 | 0.7 | 1.0 | 0.9 | 0.7 | 0.2 | 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | S | S | S | S | SW | S | S | S | S | SW | S | S | S | S | SW | SW | S | SW | SW | SW |
| Wind movement | 12 | 10 | 9 | 7 | 7 | 6 | 9 | 11 | 8 | 8 | 8 | 4 | 8 | 8 | 9 | 9 | 9 | 7 | 7 | 7 | 7 | 7 | 8 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 44 | 34 | 39 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 4.0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, .....

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 4.2

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 38

Prevailing direction S

Total movement, 194

Average hourly velocity, 8.1

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 14 Ex. 14 | SW | 12.30 a.m |

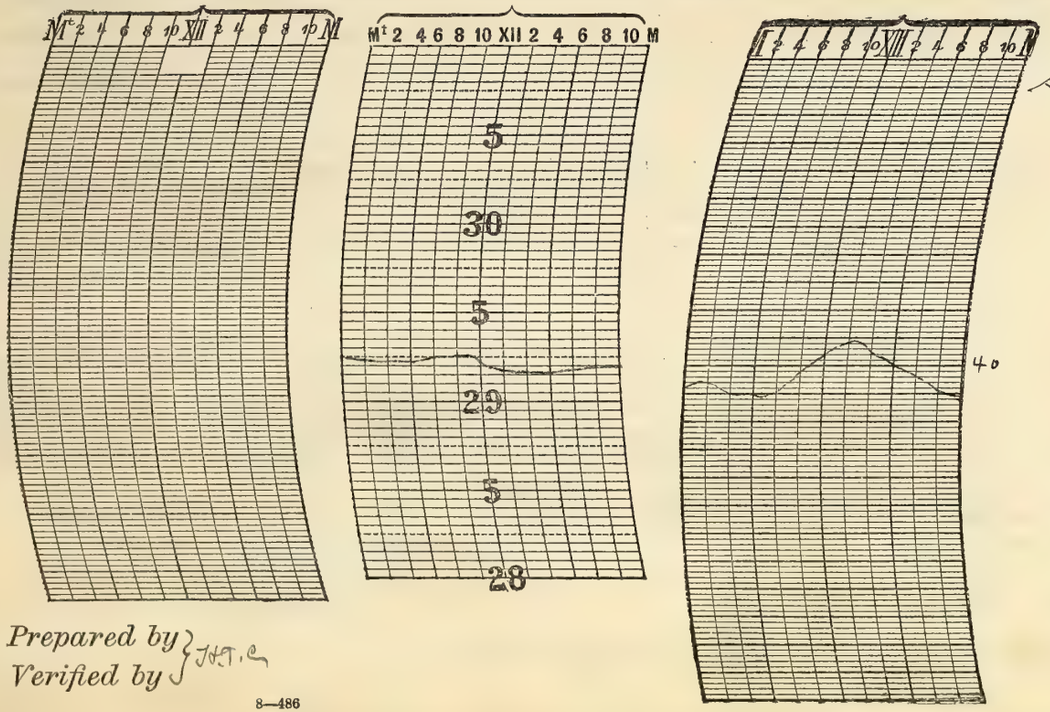
Relative humidity, 80 a. m. 57 p. m.

Reduced barometer, 30.15 a. m. 30.10 p. m.

River gage, 6.9 ft

NOTES.

Streets and walks slushy from melting snow




Prepared by }
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 25 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 35 | 34 | 34 | 34 | 33 | 33 | 34 | 35 | 37 | 36 | 39 | 41 | 42 | 40 | 39 | 38 | 36 | 36 | 35 | 34 | 33 SB 8.30 | 32 SB 9.50 | 32 RB 10.15 | 32 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | T | .03 |
| Cloudiness and other conditions | | | | | | | | | — Pt Cloudy | | | | * Cloudy | | | | | | | | | | | |
| Sunrise: Time, 6.21 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.27 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.7 | 0.4 | 1.0 | 0.7 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | NW | NW | N | N | N | NE | N | N | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 9 | 9 | 8 | 7 | 7 | 7 | 5 | 3 | 5 | 9 | 5 | 5 | 7 | 7 | 8 | 8 | 8 | 12 | 12 | 11 | 12 | 14 | 18 | 21 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

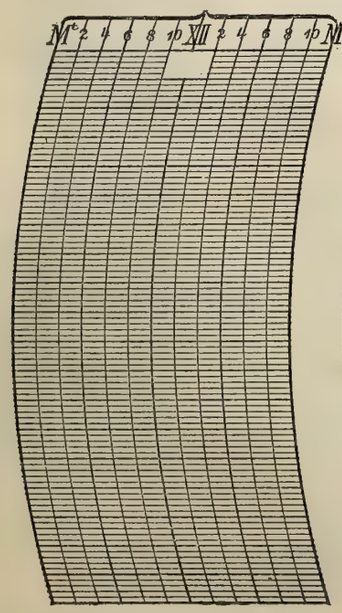
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

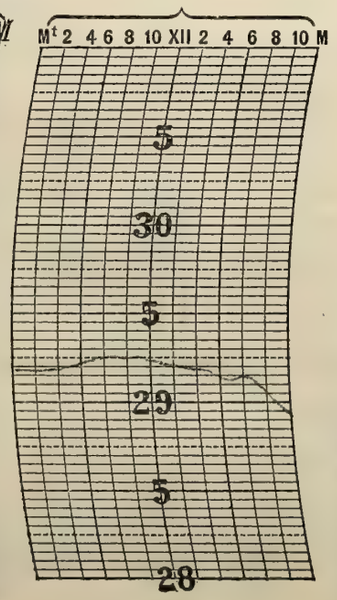
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 42 | 32 | 37 | |

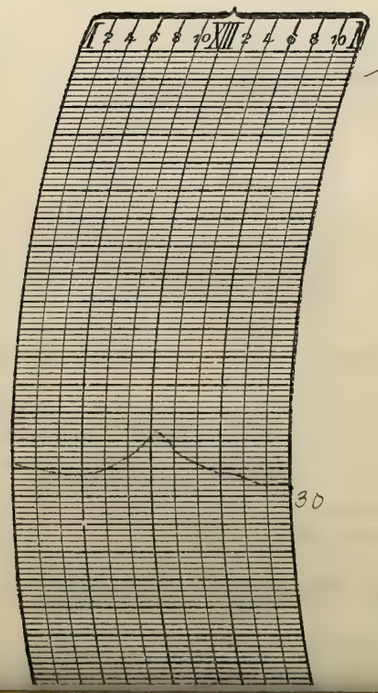
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0.5 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.8 inches.
Character of day, Cloudy Moon phase, First Quarter
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 2.8
Possible sunshine, hours, 11.1
Percentage of possible sunshine, 25
Prevailing direction NE
Total movement, 217
Average hourly velocity, 9.0

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 25 | NE | 11.55 p.m. |
| Ex 26 | | |

Relative humidity, 84 a. m. 86 p. m.
Reduced barometer, 30.18 a. m. 30.06 p. m.
River gage, 6.2 ft.






NOTES.

Streets and walks slushy from melting snow.

Prepared by
Verified by

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 26 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 32 | 32 | 32 | 32 | 32 | 33 | 33 | 34 | 34 | 36 | 43 | 45 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | RE 9.20 | | |
| Amounts of precipitation | .15 | .10 | 06 | 07 | 02 | 02 | 03 | 02 | 02 | T | | |
| Cloudiness and other conditions | | | | | | | | | | | | |
| Sunrise: Time, 6.20 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0.8 | 0 |
| Wind direction | NE | NE | NE | NE | NE | E | E | E | E | E | S | SW |
| Wind movement | 21 | 23 | 27 | 20 | 23 | 19 | 15 | 12 | 7 | 5 | 9 | 16 |
| Maximum velocities (exceeding 29 miles) direction and time | | | 31 NE 2.55 | | | | | | | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 42 | 41 | 40 | 38 | 35 | 30 | 30 | 29 | 28 | 26 | 24 | 24 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | SB 5.10 | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | |
| Sunset: Time, 5.28 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | W | NW | NW | NW | NW |
| Wind movement | 21 | 20 | 25 | 28 | 28 | 26 | 26 | 26 | 27 | 22 | 20 | 26 |
| Maximum velocities (exceeding 29 miles) direction and time | | | 30 SW 2.20 | 32 SW 3.35 | 34 SW 4.15 | 32 SW 5.40 | 31 SW 6.34 | 38 W 7.56 | 33 NW 8.16 | | | 31 NW 11.35 |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 45 | 24 | 34 | |

Total depth of snow for 24 hours ending 7 p. m., .05 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., .53 ins. to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .51 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 0.8

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 7

Prevailing direction SW

Total movement, 492

Average hourly velocity, 25.0

Maximum velocity, 38 Direction, W Time. 7.56 pm

Ex 40

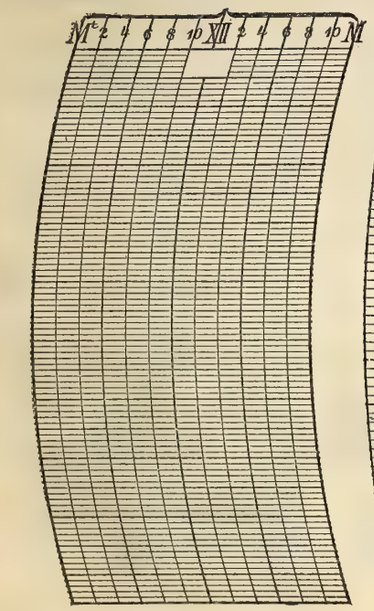
Relative humidity, 96 a. m. 94 p. m.

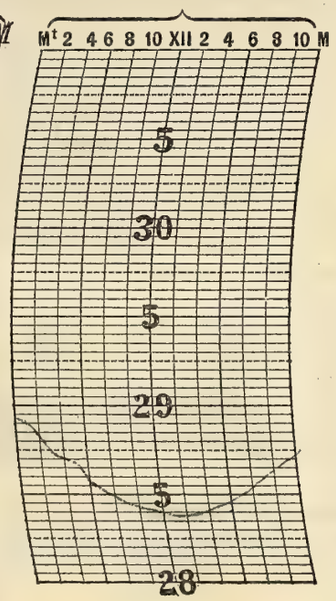
Reduced barometer, 29.42 a. m. 29.44 p. m.

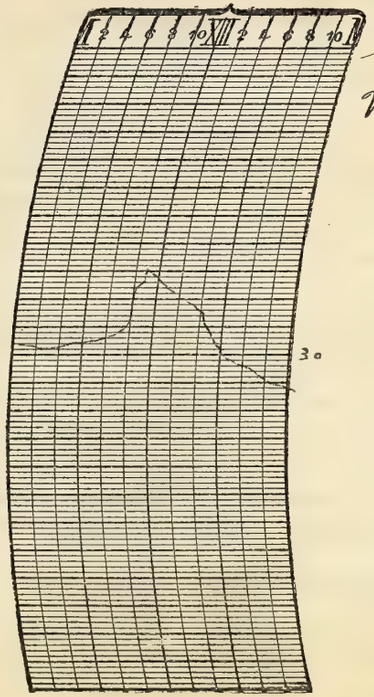
River gage, 5.8 ft.

NOTES.

Streets and walks covered with snow and ice in many places.






Prepared by
Verified by } J.H.J.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 27 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 23 | 23 | 23 | 22 | 22 | 19 | 19 | 17 | 16 | 18 | 19 | 20 | 21 | 23 | 23 | 24 | 23 | 22 | 22 | 21 | 20 | 20 | 20 | 20 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | 9E 8.10 | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — Pt Cloudy — | | | | | — Clear — | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 0.8 | .48 0 | | | | | | |
| Wind direction | NW | NW | NW | W | W | W | W | W | W | W | W | W | W | SW | W | W | W | SW | W | SW | SW | W | SW | SW |
| Wind movement | 20 | 17 | 18 | 16 | 17 | 15 | 15 | 17 | 14 | 17 | 17 | 14 | 16 | 15 | 15 | 15 | 13 | 12 | 9 | 8 | 9 | 7 | 8 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 6.19; Character, Cloudy

Sunset: Time, 5.29; Character, Clear

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 24 | 16 | 20 | |

Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 9.0

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 80

Prevailing direction W

Total movement, 330

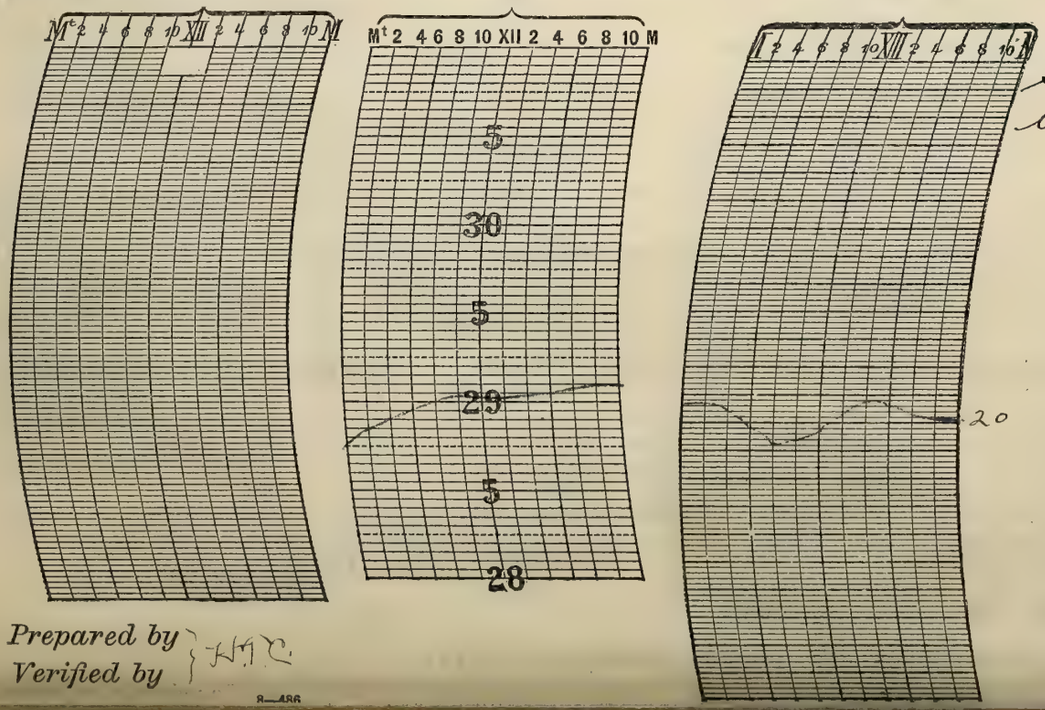
Average hourly velocity, 13.8

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 24 | NW | 12.10 a.m. |

Relative humidity, 85 a. m. 65 p. m.

Reduced barometer, 29.92 a. m. 30.01 p. m.

River gage, 11.3 ft




NOTES.

Streets and walks covered with snow and ice in many places

Prepared by
Verified by } W.H.C.

8—486

FORM NO. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 28 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 20 | 21 | 21 | 22 | 24 | 25 | 26 | 26 | 26 | 27 | 27 | 27 | 25 | 23 | 23 | 22 | 21 | 20 | 20 | 19 | 18 | 17 | 16 | 16 |
| | | | | | | SB DN | | | SE 8.50 | | | | | SB 1.00 | | SE 3.20 | | | | | | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | T | T | T | T | | | | | T | T | T | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | | | Cloudy | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0.1 | 0.1 | 0 | 0.8 | 0.4 | 0.7 | 0 | 0.2 | 0.4 | 0.2 | 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | W | W | W | W | W | W | W | W | NW | NW | NW | NW | W | W | NW | W | W | W |
| Wind movement | 8 | 9 | 11 | 11 | 11 | 15 | 14 | 14 | 15 | 19 | 18 | 16 | 18 | 19 | 16 | 16 | 15 | 12 | 11 | 8 | 8 | 6 | 5 | 5 |

Sunrise: Time, 6.17 Character, Cloudy

Sunset: Time, 5.31 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 27 | 16 | 22 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 29

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 2.6

Prevailing direction W

Total movement, 300

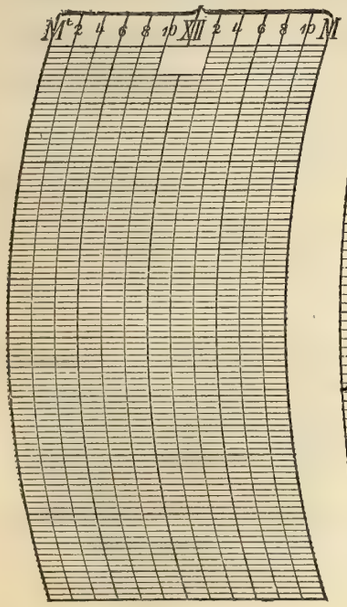
Average hourly velocity, 12.5

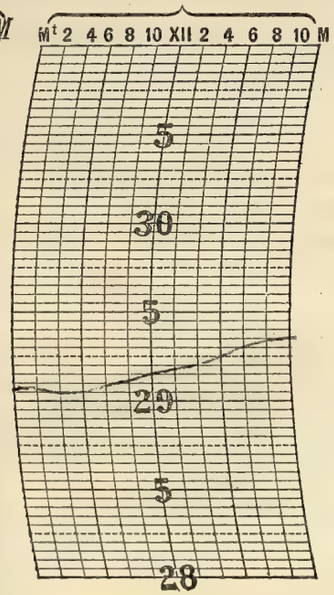
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 22 | W | 9.30 a.m |
| Ex 23 | | |

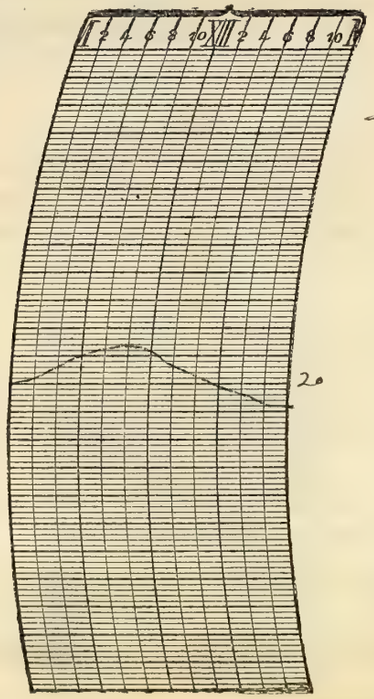
Relative humidity, 87 a. m. 76 p. m.

Reduced barometer, 30.02 a. m. 30.25 p. m.

River gage, 12.6 ft






NOTES.

Streets and walks covered with snow and ice in many places

Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 20 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 15 | 16 | 15 | 16 | 17 | 16 | 16 | 18 | 19 | 21 | 21 | 21 | 21 | 21 | 22 | 21 | 19 | 17 | 15 | 14 | 12 | 11 | 11 | 11 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | SB 7.50 | | SE 9.40 | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy → | | | | | ← Clear | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 0.8 | .53 .0 | | | | | | |
| Wind direction | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | SW | W | W | W | W | W | W | NW | W | W | W |
| Wind movement | 4 | 5 | 6 | 6 | 7 | 8 | 6 | 7 | 8 | 10 | 15 | 17 | 19 | 19 | 18 | 19 | 18 | 19 | 17 | 16 | 16 | 11 | 8 | 8 |

Sunrise: Time, 6.15 Character, Cloudy

Sunset: Time, 5.32 Character, Clear

Maximum 29 velocities (exceeding miles) direction and time

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 22 | 11 | 16 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 6.2

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 55

Prevailing direction W

Total movement, 287

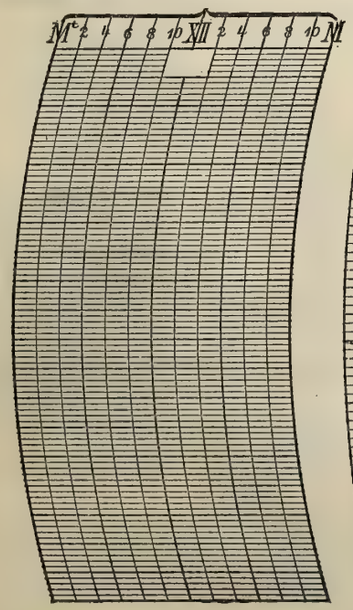
Average hourly velocity, 12.0

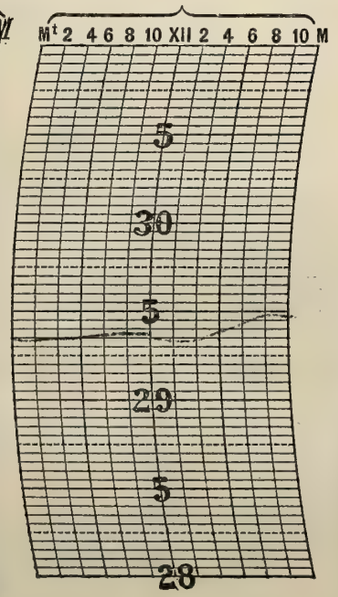
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 23 | W | 1:15 p.m. |

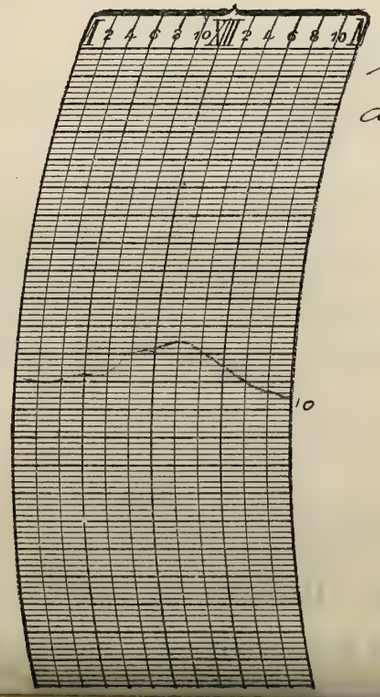
Relative humidity, 58 a. m. 61 p. m.

Reduced barometer, 30.31 a. m. 30.40 p. m.

River gage, 12.7 ft





NOTES.

Streets and walks covered with snow and ice in many places

Prepared by J H T. C

Verified by

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 1 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 11 | 10 | 10 | 10 | 9 | 9 | 10 | 10 | 12 | 13 | 14 | 15 | 16 | 18 | 17 | 17 | 16 | 15 | 15 | 14 | 13 | 12 | 11 | 11 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Pt Cloudy — | | | | | | — Pt Cloudy — | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | .75 0 | 0.4 0.6 | 1.0 | 0.6 | 0.9 | 1.0 | 0.6 ~~0.5~~ | 0.9 ~~0.4~~ | 0.5 ~~0~~ | 0 ~~0~~ | 0 ~~0~~ | 0 ~~0~~ | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | W | W | W | NW | W | W | W | W | W | NW | NW | NW | NW | NW | NW | NW | W | W |
| Wind movement | 8 | 9 | 10 | 10 | 9 | 10 | 9 | 11 | 13 | 14 | 16 | 16 | 17 | 14 | 14 | 11 | 12 | 9 | 10 | 9 | 9 | 8 | 6 | 6 |

Sunrise: Time, 6:15; Character, Clear

Sunset: Time, 5.32; Character, Cloudy

Maximum velocities (exceeding 27 miles) direction and time

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 18 | 9 | 14 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 7.3

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 65

Prevailing direction W

Total movement, 260

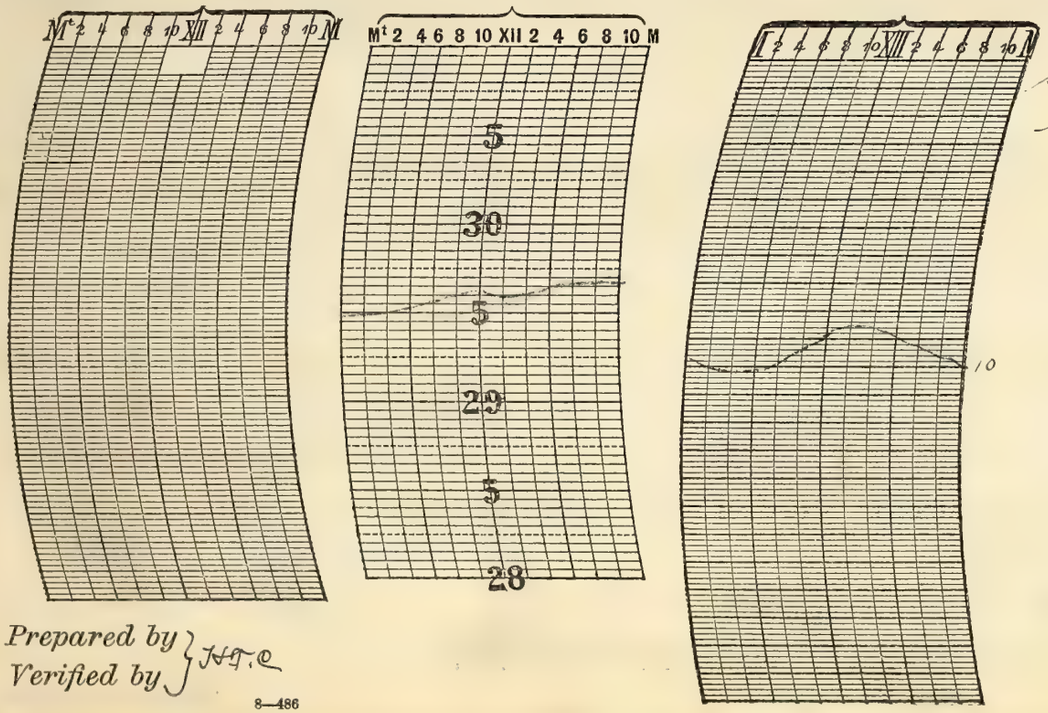
Average hourly velocity, 10.8

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 Ex 20 | W | 12.10 p.m. |

Relative humidity, 77 a. m. 68 p. m.

Reduced barometer, 30.52 a. m. 30.63 p. m.

River gage, 12.4 ft.




NOTES.

Streets and walks covered with snow and ice in many places

Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) 2 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 10 | 10 | 9 | 9 | 8 | 7 | 8 | 10 | 12 | 16 | 16 | 16 | 18 | 17 | 17 | 18 | 19 | 18 | 17 | 17 | 17 | 17 | 16 | 16 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | Pt Cloudy | | | | | | | | | | |
| | Sunrise: Time, 6.14 Character, Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.33 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.2 | 0.2 | 1.0 | 1.0 | 1.0 | 0.9 | 0.5 | 0 | 0 | 0 | | | | | | |
| Wind direction | W | W | W | W | W | NW | NW | NW | N | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | E | E | E | NE |
| Wind movement | 5 | 5 | 5 | 6 | 6 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 8 | 8 | 8 | 9 | 10 | 10 | 7 | 10 | 10 | 12 | 14 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

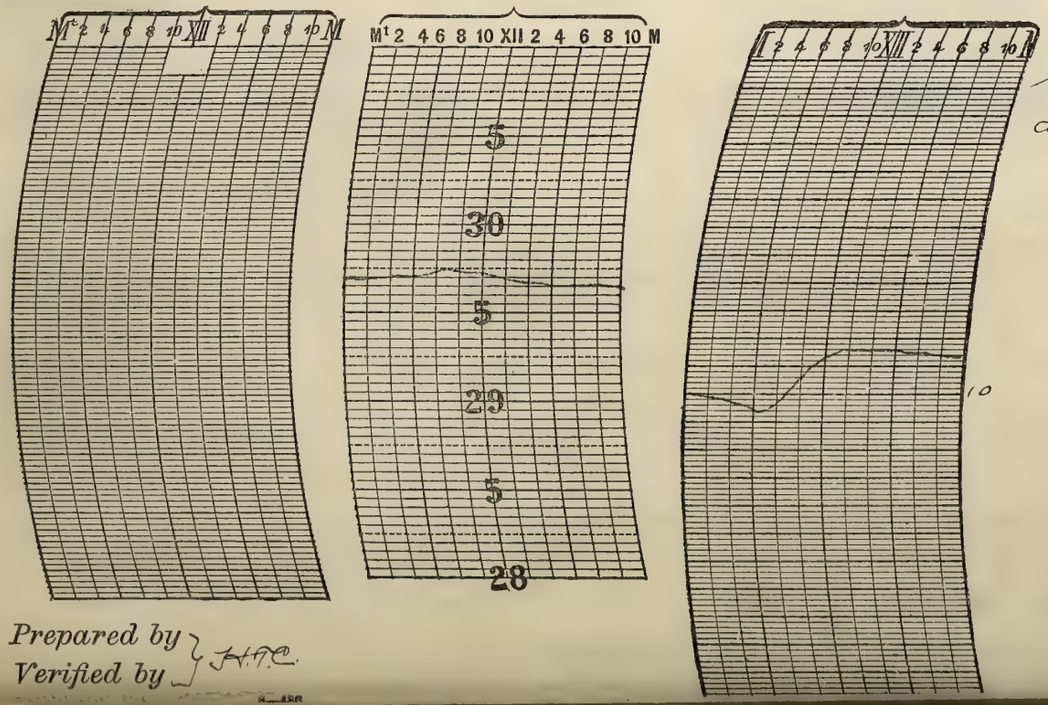
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 19 | 7 | 13 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 8
Actual sunshine, hours, 4.8
Possible sunshine, hours, 11.3
Percentage of possible sunshine, 42
Prevailing direction NE
Total movement, 169
Average hourly velocity, 7.0

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 18 Ex 18 | NE | 11.20 pm |

Relative humidity, 83 a. m. 80 p. m.
Reduced barometer, 30.69 a. m. 30.63 p. m.
River gage, 12.1 ft.




NOTES.

Streets and walks covered with snow and ice in many places

Prepared by
Verified by } H.T.C.

Form No. 1012—Mot 1.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 3 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 16 | 15 | 15 | 14 | 13 | 13 | 12 | 13 | 14 | 15 | 16 | 18 | 19 | 19 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 13 | 13 | 13 |
| State of weather: Nature of precipitation and time of beginning and ending | | SB DN | | | | | | | | | | | | | | | | SE 5,10 | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — | Cloudy | | | | — | Cloudy | | | | — | | | | | | |
| Sunrise: Time, 6.12 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.34 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 0 | 0 | | | | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 13 | 15 | 13 | 14 | 17 | 16 | 14 | 15 | 18 | 18 | 20 | 19 | 18 | 19 | 20 | 21 | 19 | 17 | 16 | 16 | 16 | 14 | 14 | 13 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

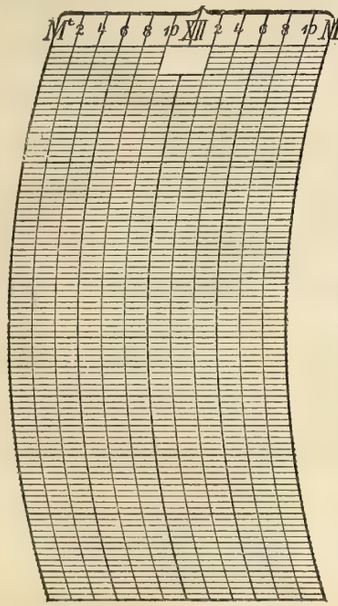
| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

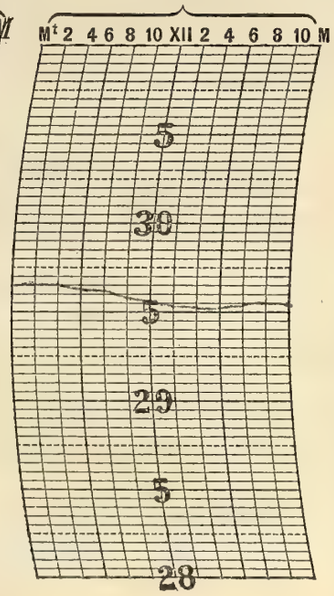
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 19 | 12 | 16 | |

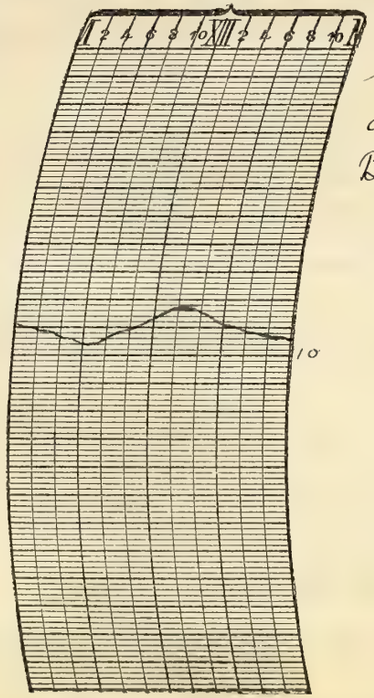
Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.
Snow on ground 7 p. m., 0.6 inches.
Total snowfall, midnight to midnight, 0.6 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase, Full Moon
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 5.3
Possible sunshine, hours, 11.4
Percentage of possible sunshine, 46
Prevailing direction NE
Total movement, 395
Average hourly velocity, 16.5

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 24 Ex 26 | NE | 3.28 p.m. |

Relative humidity, 92 a. m. 72 p. m.
Reduced barometer, 30.56 a. m. 30.49 p. m.
River gage, 11.3 ft.






NOTES.

Streets and walks covered with snow and ice in many places.
Bright moonlight in evening.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 4 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 15 | 16 | 18 |
| | | | | | | | | SB 7.30 | | SE 9.50 | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — Cloudy — | | | | |
| | Sunrise: Time, 6.10 Character, Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0.1 | 1.0 | 1.0 |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 12 | 12 | 11 | 13 | 10 | 10 | 10 | 11 | 9 | 8 | 8 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 21 | 22 | 23 | 23 | 22 | 22 | 22 | 21 | 20 | 18 | 16 | 14 |
| | | | | | | SB 5.20 | | | SE 9.50 | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | — Cloudy — | | | | | | | | | | |
| | | | | | | | | | Sunset: Time, 5.35 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | 0.7 | 0.1 | 0.6 | 0 | 0 | 0 | | | | | | |
| Wind direction | N | N | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 7 | 8 | 8 | 6 | 7 | 6 | 6 | 7 | 11 | 10 | 9 | 9 |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 23 | 12 | 18 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0.6 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 3.5

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 31

Prevailing direction NE

Total movement, 215

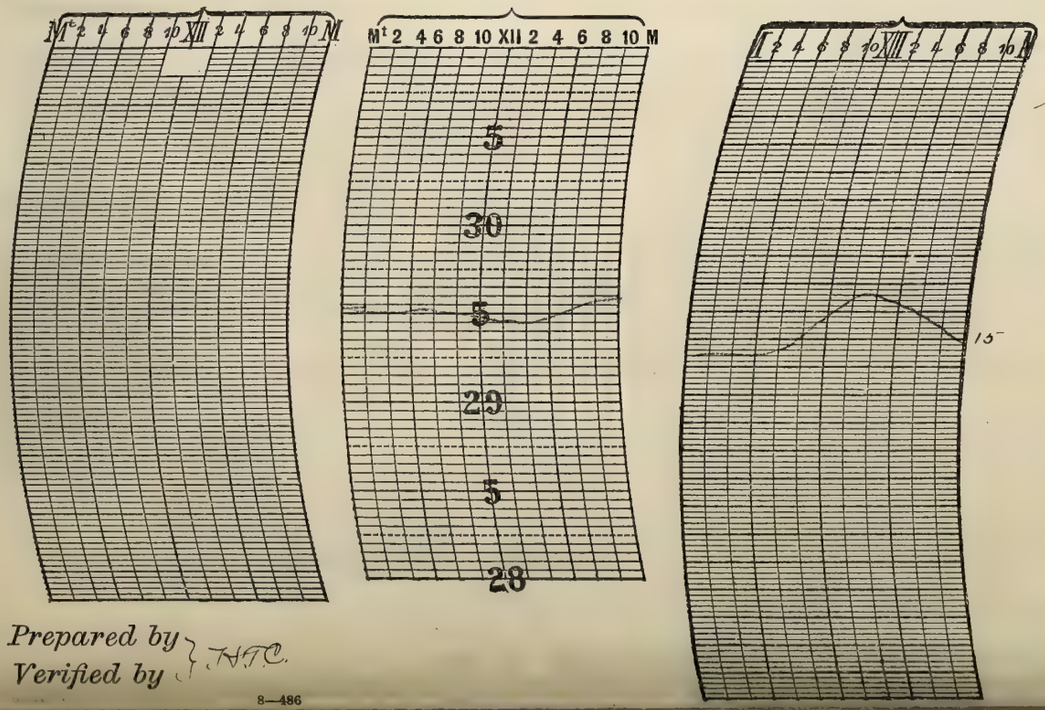
Average hourly velocity, 9.0

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 15 | NE | 7.15 a.m. |

Relative humidity, 86 a. m. 87 p. m.

Reduced barometer, 30.51 a. m. 30.47 p. m.

River gage, 10.6 ft.




NOTES.

Streets and walks covered with snow and ice.

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met 1.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 5 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 12 | 12 | 10 | 9 | 8 | 8 | 9 | 11 | 13 | 16 | 18 | 20 | 22 | 23 | 22 | 21 | 20 | 19 | 18 | 18 | 17 | 16 | 15 | 14 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, 6.09 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.36 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.8 | 0 | | | | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 9 | 9 | 9 | 10 | 11 | 12 | 10 | 11 | 13 | 14 | 17 | 15 | 17 | 16 | 15 | 16 | 14 | 12 | 12 | 10 | 12 | 9 | 9 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

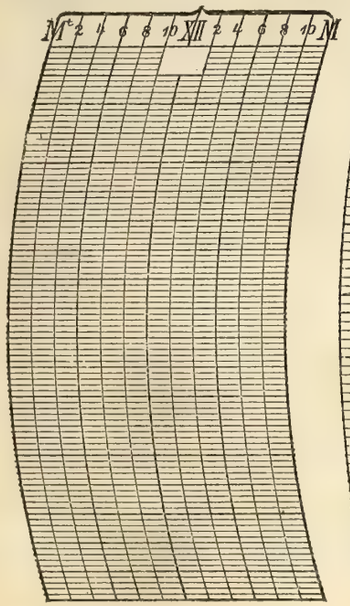
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

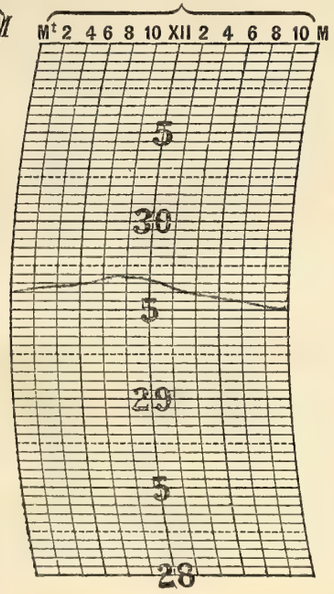
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 23 | 8 | 16 | |

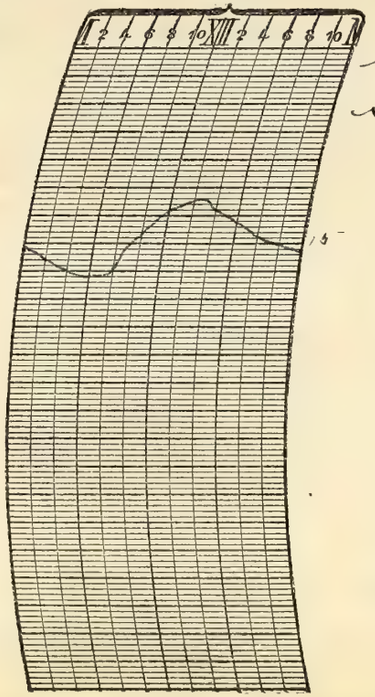
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 11.3
Possible sunshine, hours, 11.4
Percentage of possible sunshine, 99
Prevailing direction NE
Total movement, 291
Average hourly velocity, 12.1

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 23 | NE | 12.25 p.m. |

Relative humidity, 82 a. m. 75 p. m.
Reduced barometer, 30.65 a. m. 30.53 p. m.
River gage, 7.2 ft





NOTES.

Streets and walks covered with ice and snow in many places

Prepared by } J.H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 6 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 13 | 12 | 11 | 10 | 9 | 9 | 9 | 12 | 15 | 17 | 20 | 23 | 26 | 27 | 30 | 30 | 29 | 28 | 28 | 27 | 27 | 26 | 23 | 22 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | | Clear | | | | | | | | | | | |
| Sunrise: Time, 6.07 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.37 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | | .88 0 | 0.2 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | .15 0 | .62 0 | | | | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 10 | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 9 | 8 | 6 | 8 | 8 | 8 | 9 | 9 | 7 | 5 | 6 | 6 | 7 | 6 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

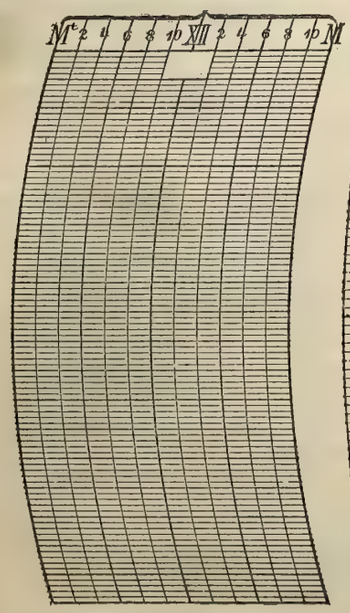
1 hours slower than 75th meridian time.

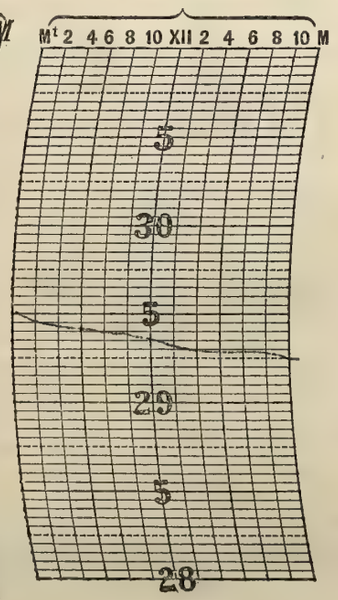
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 30 | 9 | 20 | |

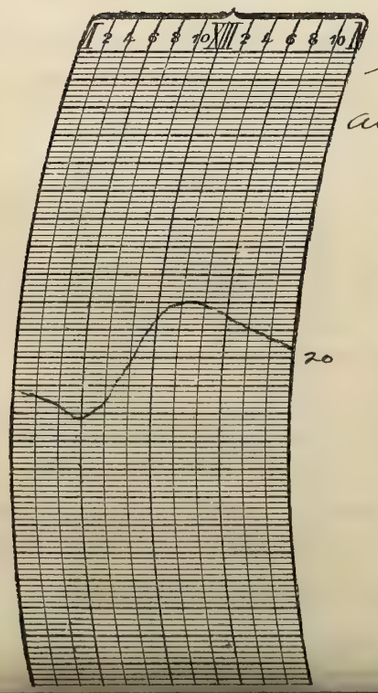
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 10.0
Actual sunshine, hours, 11.5
Possible sunshine, hours, 11.5
Percentage of possible sunshine, 100
Prevailing direction NE
Total movement, 183
Average hourly velocity, 7.6

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 | NE | 8.20 a.m. |
| Ex 12 | | |

Relative humidity, 76 a. m. 60 p. m.
Reduced barometer, 30.140 a. m. 30.24 p. m.
River gage, 6.3 ft.






NOTES.

Streets and walks covered with snow and ice in many places.

Prepared by
Verified by J. H. T. C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 7 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 22 | 21 | 20 | 20 | 19 | 18 | 19 | 22 | 24 | 26 | 30 | 33 | 35 | 37 | 34 | 34 | 33 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | SB 2.30 | | | | | | | | SE5 10.40 | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | | Cloudy | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.2 | 0.6 | 1.0 | 0.7 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | E | E | NE | NE | E | SE | S | NE | NE | NE | E | E | E | NE | NE | NE |
| Wind movement | 7 | 7 | 6 | 5 | 5 | 5 | 7 | 6 | 5 | 5 | 5 | 5 | 2 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 |

Sunrise: Time, 6.06; Character, Cloudy

Sunset: Time, 5.39; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 37 | 18 | 28 | |

Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.

Snow on ground 7 p. m., 0.4 inches.

Total snowfall, midnight to midnight, 0.8 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 2.5

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 22

Prevailing direction NE

Total movement, 103

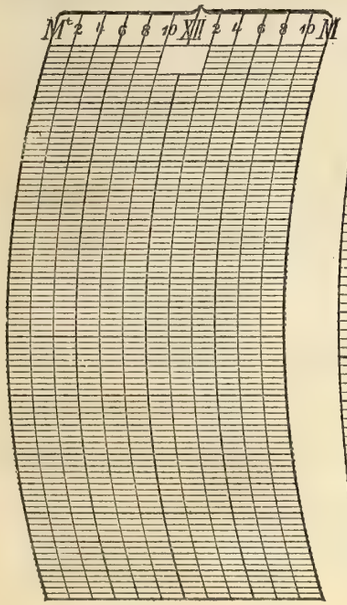
Average hourly velocity, 4.3

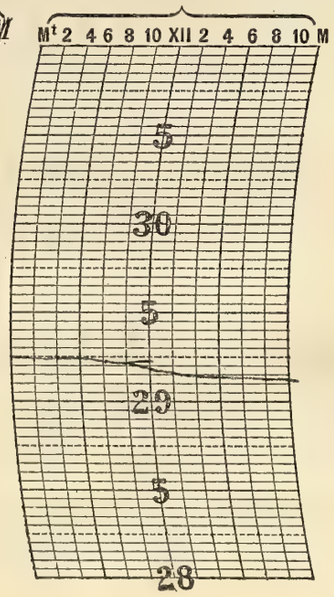
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 9 | NE | 12.50 a.m. |
| Ex 9 | | |

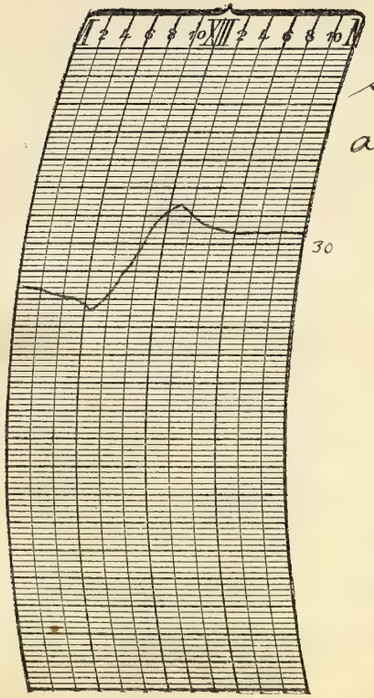
Relative humidity, 86 a. m. 95 p. m.

Reduced barometer, 30.18 a. m. 30.11 p. m.

River gage, 4.4 ft.






NOTES.

Streets and walks covered with snow and ice.

Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 8 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 32 | 32 | 32 | 32 | 32 | 31 | 32 | 31 | 33 | 34 | 35 | 36 | 38 | 35 | 34 | 33 | 32 | 30 | 30 ~~29~~ SB 6.25 | 29 ~~28~~ ~~10.15~~ | 29 | 28 | 28 SE 10.15 | 26 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | | Cloudy | | | | | | | | | | | |
| Sunrise: Time, 6.04 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.40 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0.1 | 1.0 | 1.0 | 1.0 | 0.5 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | NE | NE | NE | N | N | N | NW | NW | N | N | N | N | N | N | N | N | N | NW | N | N | N | N | N | N |
| Wind movement | 4 | 2 | 3 | 4 | 3 | 4 | 5 | 7 | 7 | 9 | 8 | 11 | 11 | 11 | 12 | 10 | 9 | 11 | 12 | 10 | 9 | 8 | 11 | 14 |
| Maximum velocities (exceeding ~~20~~ 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts. | | | | | | | | | | | | | | | | | | | |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 38 | 26 | 32 | |

Total depth of snow for 24 hours ending 7 p. m., .04 inches.

Snow on ground 7 p. m., T ~~.04~~ inches.

Total snowfall, midnight to midnight, .01 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 3.6

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 31

Prevailing direction N

Total movement, 195

Average hourly velocity, 8.1

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 Ex 16 | N ~~NE~~ | 11.35 p.m. |

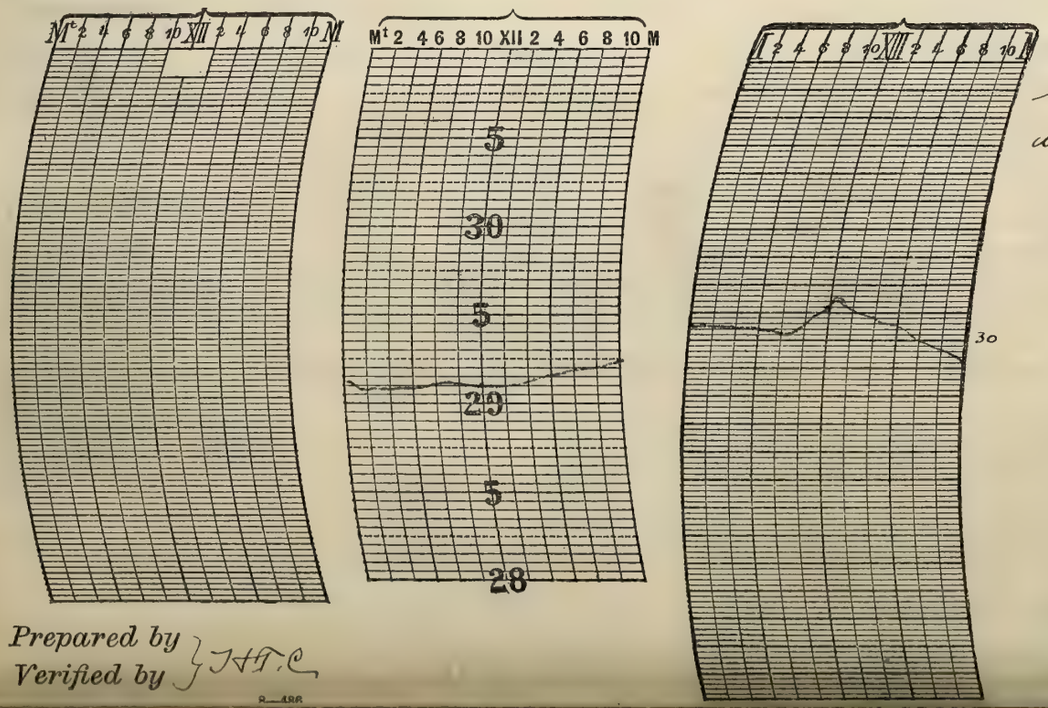
Relative humidity, 94 a. m. 89 p. m.

Reduced barometer, 30.05 a. m. 30.11 p. m.

River gage, 3.9 ft.

NOTES.

Streets and walks slushy from melting snow and ice.




Prepared by
Verified by } J.H.T.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 9 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 22 | 20 | 17 | 15 | 13 | 12 | 12 | 12 | 14 | 16 | 19 | 20 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | |
| Sunrise: Time, 6.02 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | .97 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | N | N | N | N | N | N | N | N | NW | NW | N | N |
| Wind movement | 14 | 13 | 14 | 12 | 11 | 10 | 8 | 11 | 9 | 10 | 12 | 11 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 22 | 24 | 24 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 18 | 17 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Clear | | | | | | | | | |
| Sunset: Time, 5.41 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | .48 0.2 | | | | | | |
| Wind direction | NW | NW | NW | NW | NW | NW | NW | NW | NW | W | W | SW |
| Wind movement | 11 | 10 | 12 | 12 | 12 | 10 | 9 | 7 | 7 | 5 | 6 | 7 |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 24 | 12 | 18 19 | |

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 11.6

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 100

Prevailing direction NW

Total movement, 243

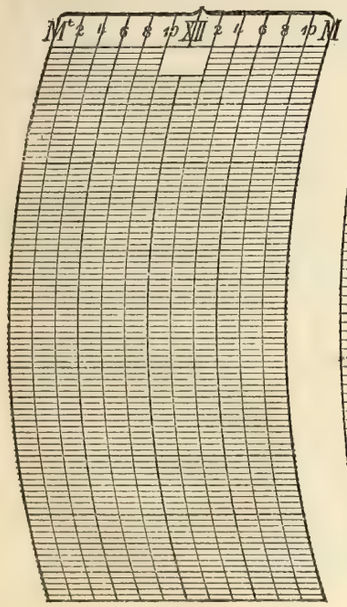
Average hourly velocity, 10.1

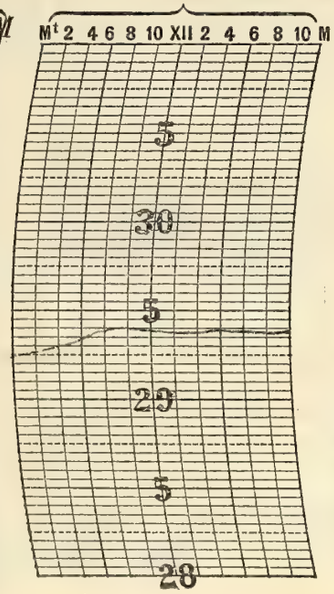
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 Ex 19 | NW | 2.08 a.m |

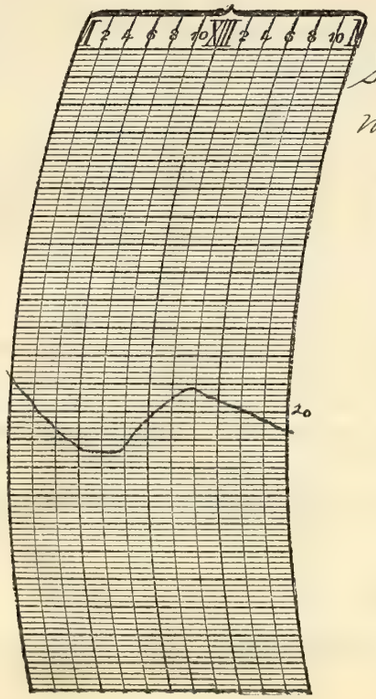
Relative humidity, 86 a. m. 61 p. m.

Reduced barometer, 30.33 a. m. 30.36 p. m.

River gage, 3.8 ft.






NOTES.

Streets and walks covered with snow and ice in many places

Prepared by } H.T.C
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 10 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 16 | 16 | 15 | 15 | 14 | 14 | 15 | 16 | 19 | 21 | 24 | 26 | 28 | 30 | 32 | 33 | 32 | 31 | 30 | 29 | 28 | 27 | 27 | 27 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | Clear | | | | — | — | Clear | | | | | | | | | | |
| Sunrise: Time, 6.01; Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.42; Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | | .98 0 | 0.3 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 0.8 | .70 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | W | W | NW | W | W | SW | W | W | W | W | W | SW | W | W | SW | SW | SW |
| Wind movement | 8 | 8 | 8 | 7 | 7 | 7 | 8 | 8 | 11 | 9 | 9 | 11 | 13 | 14 | 11 | 10 | 9 | 6 | 7 | 6 | 4 | 5 | 5 | 3 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

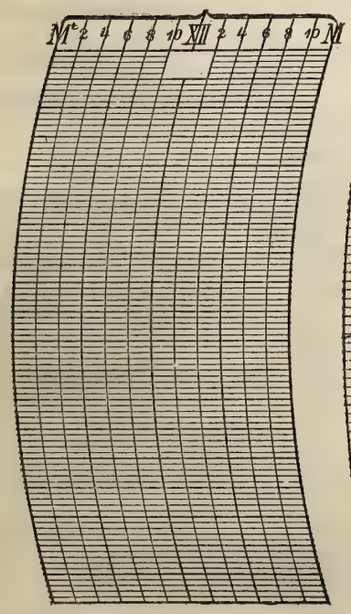
1 hours slower than 75th meridian time.

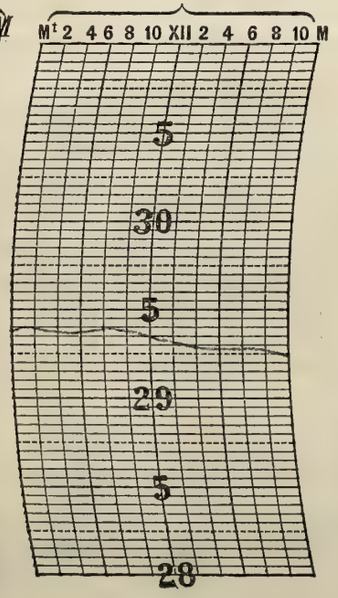
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 33 | 14 | 24 | |

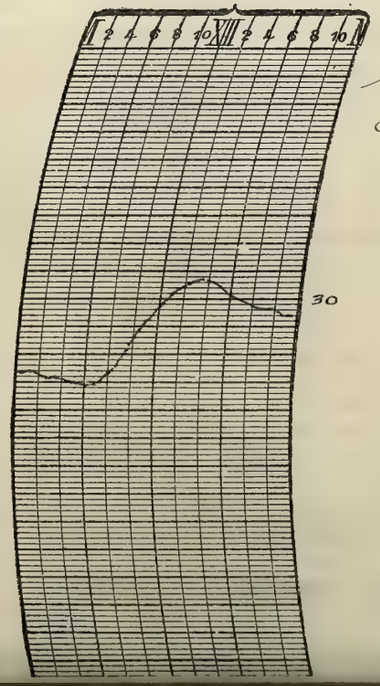
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Last Quarter.
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 11.7
Possible sunshine, hours, 11.7
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 194
Average hourly velocity, 8.1

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 E 17 | W | 1.35 p.m. |

Relative humidity, 80 a. m. 52 p. m.
Reduced barometer, 30.33 a. m. 30.26 p. m.
River gage, 3.5 ft






NOTES.

Streets and walks covered with snow and ice in many places.

Prepared by } J.H.T.C.
Verified by }

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 11 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 26 | 25 | 25 | 23 | 25 | 25 | 26 | 27 | 29 | 31 | 32 | 33 SB 11.25 | 30 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 31 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | | | Cloudy | | | | | | | | | | |
| Sunrise: Time, 5.59 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.43 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | SW | SE | SE | E | E | SE | E | E | SE | SE | SE | SE | SE | E | E | E | E | E | E | E | E | E | E | E |
| Wind movement | 2 | 2 | 2 | 4 | 2 | 3 | 5 | 5 | 7 | 7 | 8 | 8 | 7 | 7 | 10 | 9 | 8 | 7 | 7 | 6 | 3 | 4 | 3 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 33 | 23 | 28 | |

Total depth of snow for 24 hours ending 7 p. m., 1.6 inches.

Snow on ground 7 p. m., 1.6 inches.

Total snowfall, midnight to midnight, 3.1 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .16 ins.

Total precipitation, midnight to midnight, .31 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 0

Prevailing direction E

Total movement, 130

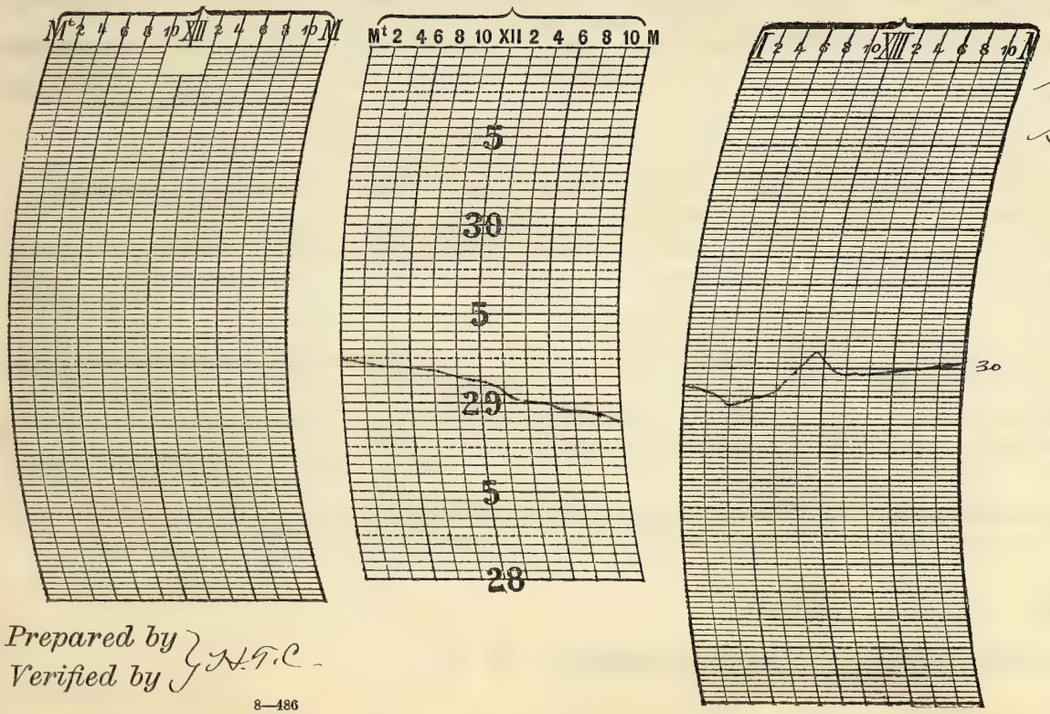
Average hourly velocity, 5.4

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 13 Ex 13 | E | 3.08 p m |

Relative humidity, 78 a. m. 95 p. m.

Reduced barometer, 30.14 a. m. 29.93 p. m.

River gage, 3.9 ft




NOTES.

Streets and walks covered with moist snow.

Prepared by
Verified by J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 12 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 32 | 33 | 33 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | SE 8.30 | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | |
| Sunrise: Time, 5.57 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | E | E | E | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 3 | 4 | 3 | 4 | 4 | 4 | 7 | 8 | 9 | 12 | 13 | 16 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 33 | 34 | 34 | 34 | 34 | 33 | 33 | 33 | 32 | 29 | 29 | 28 |
| Nature of precipitation and time of beginning and ending | | | | | | SB 5.40 | | | | SE 9.10 | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunset: Time, 5.44 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | NE | NE | NE | NE | NE | N | N | N | N | N | N | N |
| Wind movement | 17 | 16 | 14 | 14 | 13 | 10 | 11 | 13 | 12 | 11 | 11 | 13 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 34 | 28 | 31 | |

Total depth of snow for 24 hours ending 7 p. m., 2.5 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 1.0 inches.

Precipitation to 7 a. m.: .25 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 242

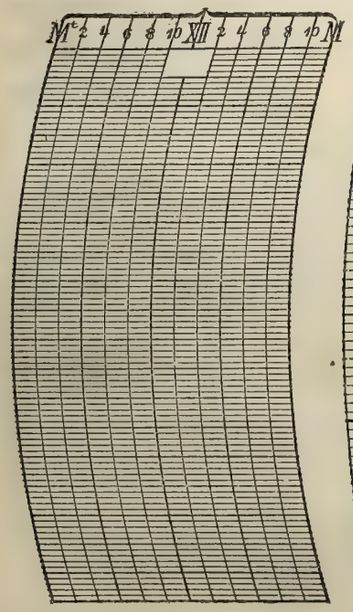
Average hourly velocity, 10.1

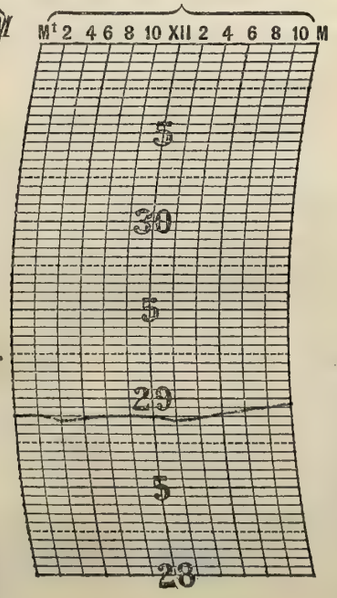
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 21 Ex 24 | NE | 12.15 p.m. |

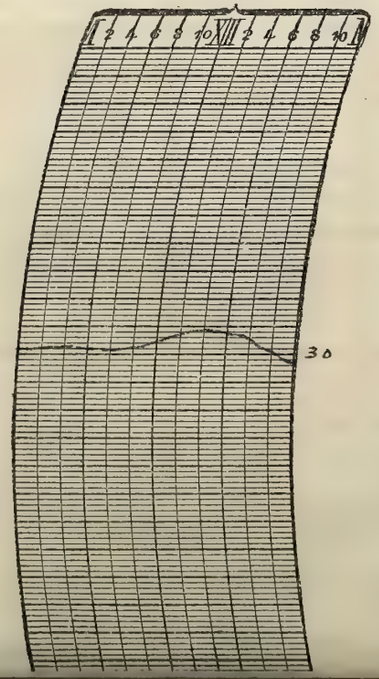
Relative humidity, 95 a. m. 95 p. m.

Reduced barometer, 29.84 a. m. 29.89 p. m.

River gage, 4.3 ft.






NOTES.

Walks and streets slushy from melting snow and ice.

Prepared by } H.T.C.
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 13 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 26 | 26 | 25 | 22 | 19 | 16 | 17 | 20 | 23 | 26 | 28 | 30 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | N | N | N | N | N | NW | NW | N | NW | NW | W | NW |
| Wind movement | 9 | 7 | 8 | 7 | 8 | 8 | 8 | 6 | 6 | 6 | 8 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

Sunrise: Time, 5.56 Character, Clear

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 30 | 31 | 32 | 35 | 34 | 32 | 31 | 30 | 28 | 28 | 27 | 28 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0 | | | | | | |
| Wind direction | NW | NW | W | W | W | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 8 | 8 | 5 | 8 | 8 | 9 | 7 | 5 | 5 | 6 | 5 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

Sunset: Time, 5.45 Character, Clear

Clear

| | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|
| Sunshine (in tenths of hours) | .07 | 0.9 | | | | | |
| | | | | 0.2 | .75 | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 35 | ~~27~~ 16 | 26 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 11.8

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 100

Prevailing direction NW, SW,

Total movement, 168

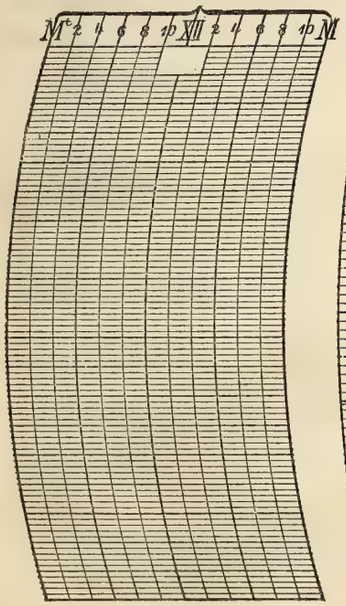
Average hourly velocity, 7.0

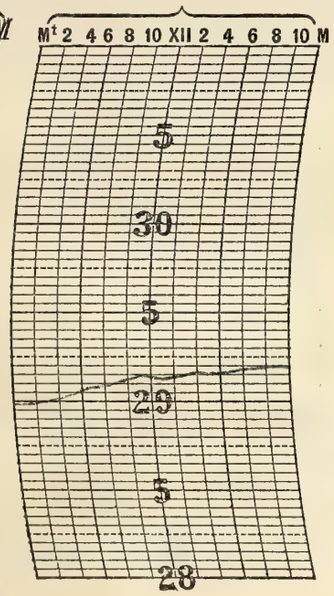
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 | N | 12.15 a.m. |
| E12 | | |

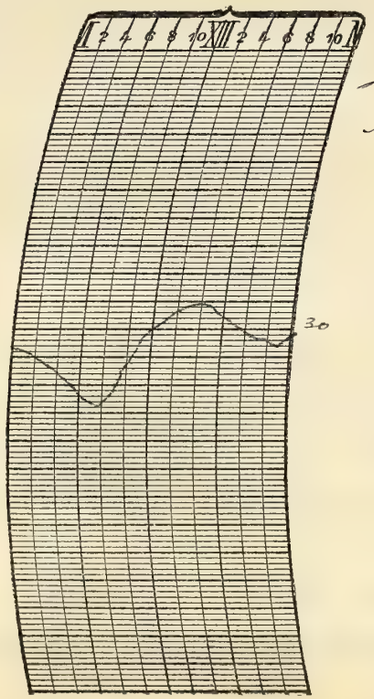
Relative humidity, 80 a. m. 71 p. m.

Reduced barometer, 30.04 a. m. 30.13 p. m.

River gage, 4.5 ft.






NOTES.

Streets and walks nearly free from snow and ice

Prepared by
Verified by } J.H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 14 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 28 | 28 | 29 | 30 | 29 | 30 | 31 | 32 | 35 | 36 | 38 | 39 | 38 | 37 | 37 | 36 | 35 | 34 | 33 | 33 | 34 | 34 | 34 | 34 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | SB 1.40 | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | Cloudy | | | | | | | | | | |
| Sunrise: Time, 5.54 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.46 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0.4 | 0.6 | 0.5 | 0.2 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | SW | S | S | S | SE | S | SE | SE | SE | SE | SE | SE | E | E | E | E | E | E | E | E | E | E | NE | NE |
| Wind movement | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 6 | 6 | 8 | 7 | 6 | 9 | 9 | 9 | 9 | 11 | 11 | 10 | 11 | 11 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 39 | 27 | 33 | |

Total depth of snow for 24 hours ending 7 p. m., ~~2.6~~ inches.

Snow on ground ~~13~~ 7 p. m., 7 inches.

Total snowfall, midnight to midnight, .51 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .26 ins.

Total precipitation, midnight to midnight, .51 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 1.7

Possible sunshine, hours, 11.9

Percentage of possible sunshine, 14

Prevailing direction E

Total movement, 170

Average hourly velocity, 7.1

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 14 | NE | 10.57 pm. |
| Ex. 14 | | |

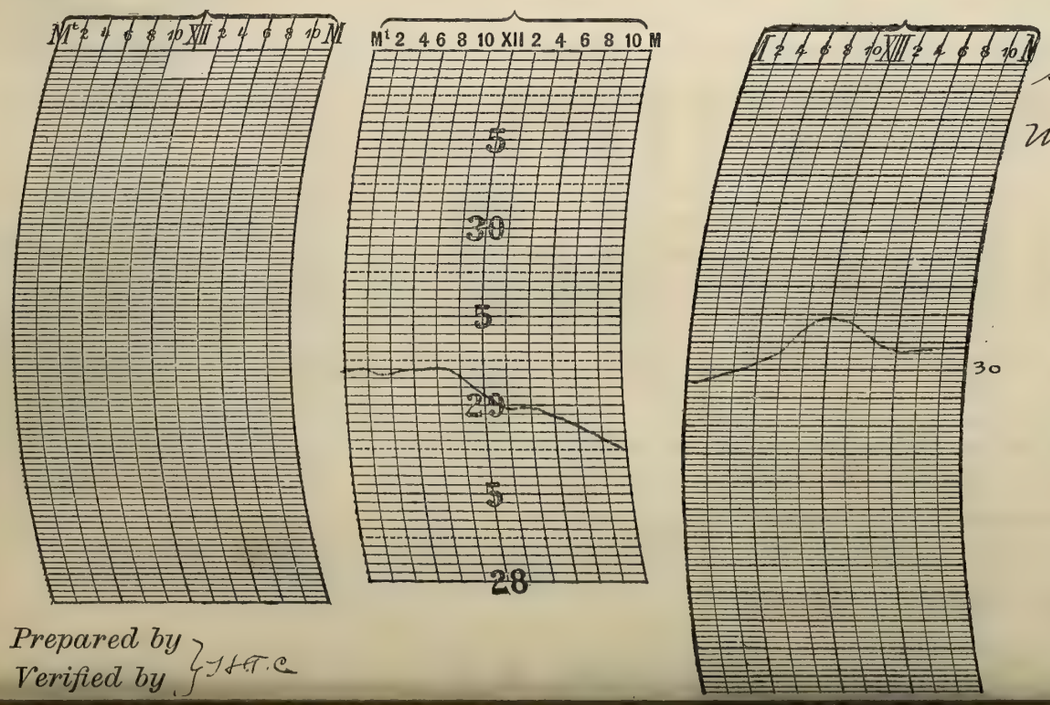
Relative humidity, 91 a. m. 95 p. m.

Reduced barometer, 30.15 a. m. 29.89 p. m.

River gage, 4.2 ft.

NOTES.

Streets and walks slushy from moist melting snow




Prepared by
Verified by } J.H.T.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 15 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 34 | 34 | 34 | 34 | 33 | 32 | 33 | 33 | 32 | 27 | 26 | 26 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | NE | NE | NE | NE | NE | NE | N | N | N | N | N | NW |
| Wind movement | 11 | 11 | 10 | 11 | 11 | 7 | 7 | 9 | 10 | 13 | 9 | 11 |

Sunrise: Time, 5.53; Character, Cloudy

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 26 | 25 | 25 | 25 | 25 | 24 | 24 | 23 | 22 | 21 | 20 | 18 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | 35 4.10 | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | Cloudy | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0.9 | 0.6 | 0.2 | 0 | 0 | | | | | | |
| Wind direction | NW | NW | NW | NW | NW | NW | NW | W | W | W | SW | SW |
| Wind movement | 14 | 16 | 16 | 15 | 14 | 13 | 13 | 7 | 7 | 9 | 7 | 8 |

Sunset: Time, 5.47; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 34 | 18 | 26 | |

Total depth of snow for 24 hours ending 7 p. m., .51 inches.
Snow on ground 7 p. m., 5.1 inches.
Total snowfall, midnight to midnight, 2.6 inches.
Precipitation to 7 a. m., .45 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .26 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 9
Actual sunshine, hours, 1.7
Possible sunshine, hours, 11.9
Percentage of possible sunshine, 14
Prevailing direction NW
Total movement, 259
Average hourly velocity, 10.8

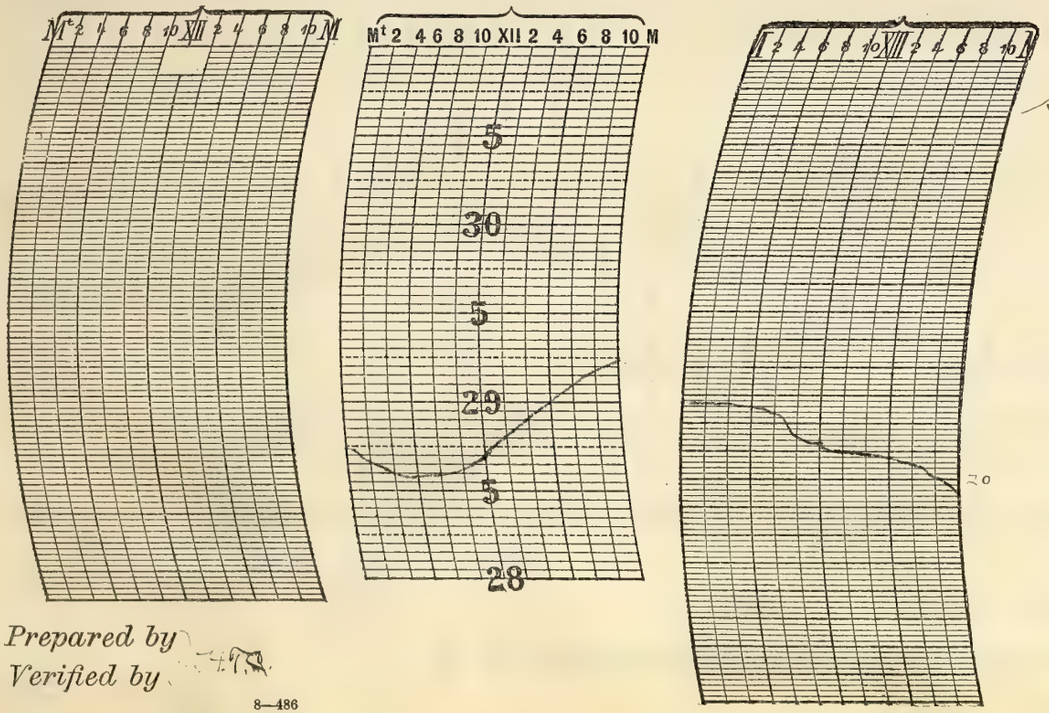
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 Ex 19 | NW | 3.05 p.m. |

Relative humidity, 97 a. m. 81 p. m.
Reduced barometer, 29.53 a. m. 29.98 p. m.
River gage, 4.9 ft

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

NOTES.

Streets and walks covered with snow.




Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 16 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 18 | 18 | 20 | 20 | 17 | 15 | 17 | 20 | 25 | 28 | 32 | 33 | 34 | 36 | 39 | 39 | 38 | 36 | 34 | 33 | 32 | 31 | 30 | 30 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, 5.51 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.48 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | .15 0 | 1.0 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | S | S | S | SW | S | S | S | S | S | S | S | S | SE | SE | SE | SE | SE | SE |
| Wind movement | 7 | 8 | 7 | 6 | 7 | 6 | 7 | 8 | 12 | 13 | 11 | 12 | 13 | 13 | 12 | 10 | 9 | 8 | 7 | 9 | 9 | 10 | 8 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 39 | 15 | 27 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 10.5

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 88

Prevailing direction S

Total movement, 220

Average hourly velocity, 9.2

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 Ex 17 | S | 1.30 p.m. |

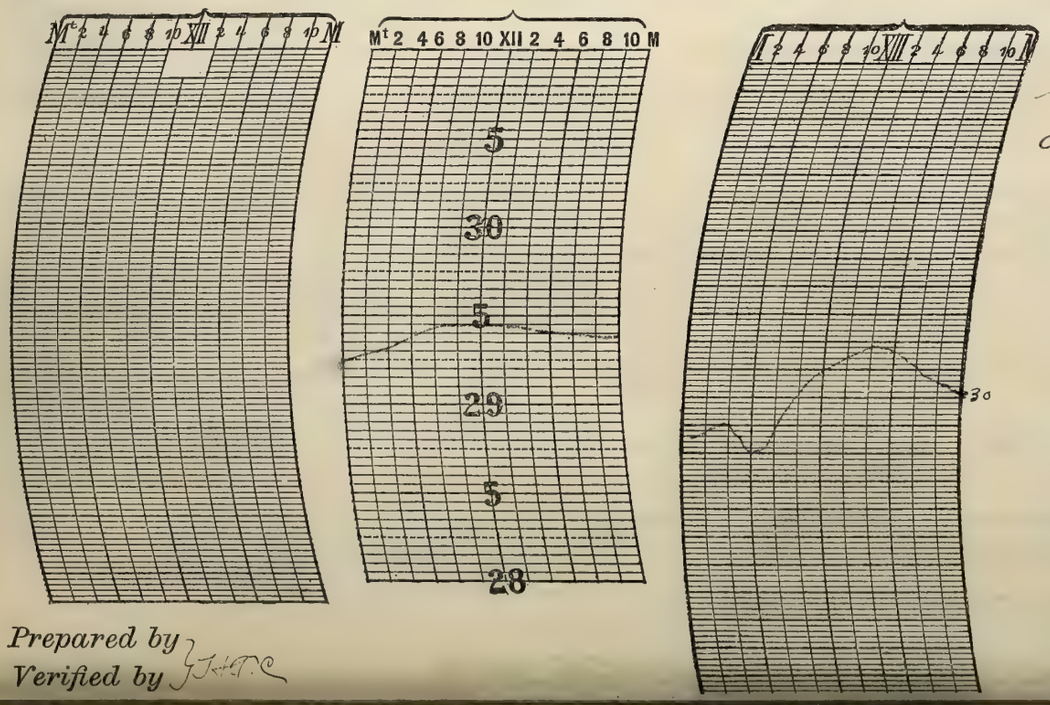
Relative humidity, 78 a. m. 77 p. m.

Reduced barometer, 30.35 a. m. 30.34 p. m.

River gage, 6.7 ft

NOTES.

Streets and walks covered with snow and ice in many places




Prepared by
Verified by J.H.T.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 17 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 30 | 30 | 30 | 29 | 30 | 32 | 34 | 38 | 41 | 46 | 48 | 50 | 52 | 54 | 54 | 53 | 52 | 50 | 49 | 48 | 47 | 46 | 45 | 41 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | | | Clear | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | .18 0 | 1.0 0 | 0.2 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 0 | 0 | | | | | | |
| Wind direction | SE | SE | SE | SE | SE | SE | SE | S | S | S | S | S | S | S | S | S | S | S | SW | SW | SW | SW | SW | SW |
| Wind movement | 4 | 6 | 5 | 6 | 5 | 6 | 8 | 10 | 14 | 14 | 16 | 16 | 19 | 18 | 18 | 16 | 11 | 11 | 11 | 11 | 12 | 11 | 14 | 12 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 5.49; Character, Clear

Sunset: Time, 5.50; Character, Cloudy

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

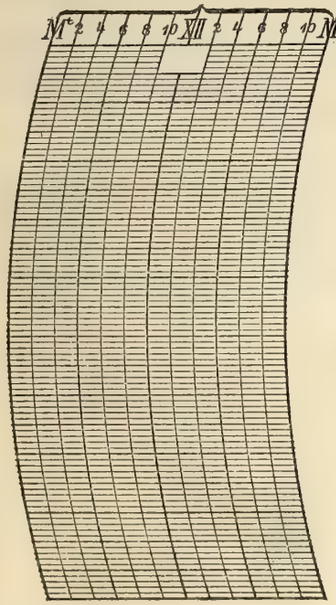
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

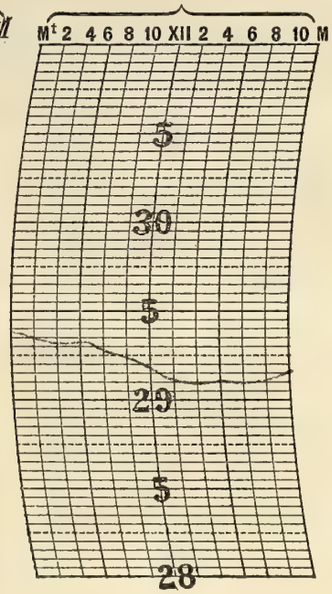
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 54 | 29 | 42 | |

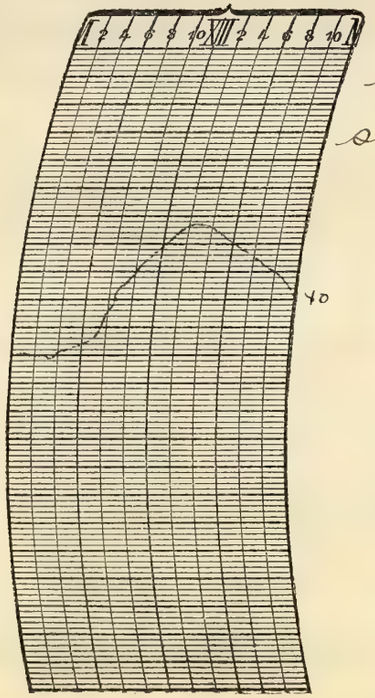
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 9.6
Possible sunshine, hours, 12.0
Percentage of possible sunshine, 80
Prevailing direction S
Total movement, 274
Average hourly velocity, 11.4

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 21 Ex 22 | S | 2.00 p.m. |

Relative humidity, 79 a. m. 72 p. m.
Reduced barometer, 30.24 a. m. 30.03 p. m.
River gage, 8.0 ft.






NOTES.

Streets and walks almost free from snow and ice

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 18 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 37 | 34 | 33 | 32 | 31 | 30 | 32 | 34 | 36 | 37 | 38 | 41 | 44 | 47 | 49 | 48 | 46 | 45 | 44 | 43 | 43 | 43 | 43 | 42 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — | Pt Cloudy | — | | | — | Clear | — | | | | | | | | | |
| Sunrise: Time, 5.48 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.51 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | 20 0 | 0.9 0.1 | 0.8 | 0.4 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 85 0 | | | | | | |
| Wind direction | W | W | W | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | S | SW | S | SE | SE | SE | SE | SE | SE | SE |
| Wind movement | 13 | 11 | 9 | 6 | 6 | 5 | 7 | 6 | 5 | 8 | 10 | 9 | 10 | 8 | 7 | 7 | 5 | 4 | 3 | 6 | 6 | 10 | 10 | 8 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 49 | 30 | 40 | |

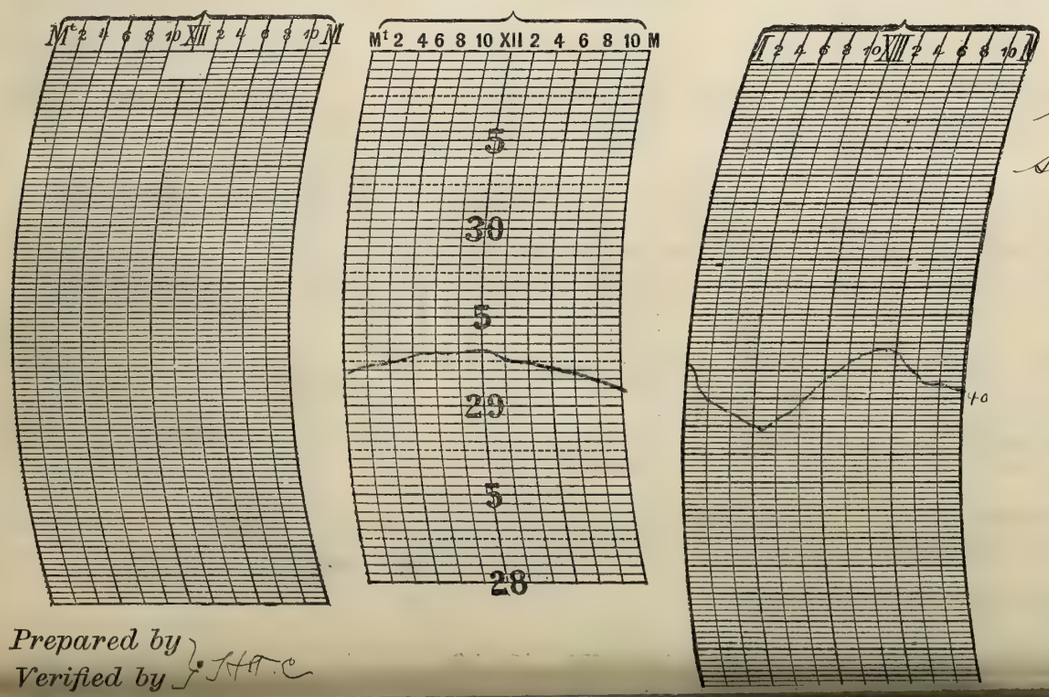
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New Moon.
Average daily cloudiness (0–10) 1
Actual sunshine, hours, 11.0
Possible sunshine, hours, 12.0
Percentage of possible sunshine, 92
Prevailing direction SW
Total movement, 178
Average hourly velocity, 7.4

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 | W | 1.03 a.m. |

Relative humidity, 81 a. m. 72 p. m.
Reduced barometer, 30.23 a. m. 30.03 p. m.
River gage, 14.0 ft.

NOTES.

Streets and walks nearly free from snow and ice




Prepared by
Verified by } H.H.C.

Form No. 1014—March.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 19 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 42 | 40 | 40 | 40 | 40 | 40 | 42 | 45 | 48 | 53 | 56 | 57 | 55 | 54 | 52 | 51 | 50 | 49 | 49 | 45 | 40 | 36 | 36 | 35 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | RB 1.40 | | | ~~RB~~ RE 4.25 | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | T | 02 | 01 | 01 | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — PtCloudy — | | | | | — Cloudy — | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 23 0 | 1.0 0 | 1.0 | 1.0 | 0.7 | 0.8 | 1.0 | 0.5 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | S | S | S | S | S | SW | S | SW | SW | SW | SW | SW | W | SW | SW | SW | SW | W | W | N | N | N | N | N |
| Wind movement | 9 | 9 | 10 | 10 | 9 | 11 | 13 | 12 | 13 | 11 | 13 | 14 | 10 | 10 | 8 | 5 | 5 | 3 | 3 | 8 | 8 | 7 | 11 | 14 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 5.46 Character, Clear

Sunset: Time, 5.52 Character, Cloudy

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 57 | 35 | 46 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 04 ins.

Total precipitation, midnight to midnight, 04 inches.

Character of day, PtCloudy Moon phase,

Average daily cloudiness (0–10) 7

Actual sunshine, hours, 6.2

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 51

Prevailing direction SW

Total movement, 226

Average hourly velocity, 9.4

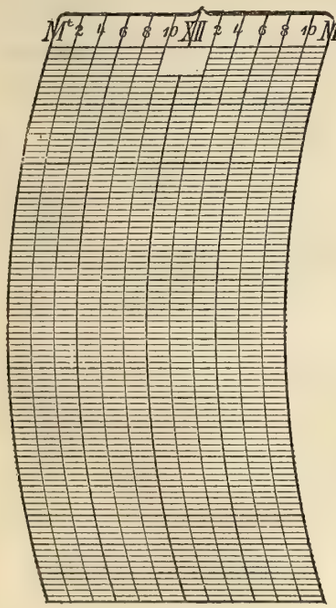
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 18 | SW | 10.55 a.m. |

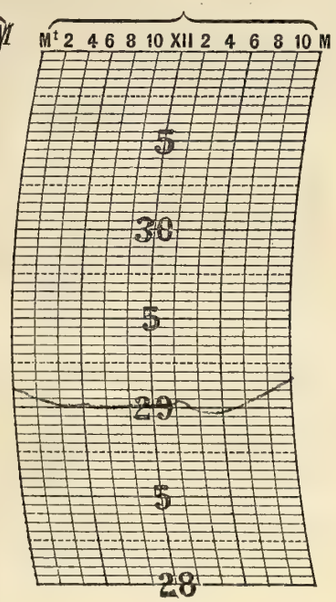
Relative humidity, 76 a. m. 85 p. m.

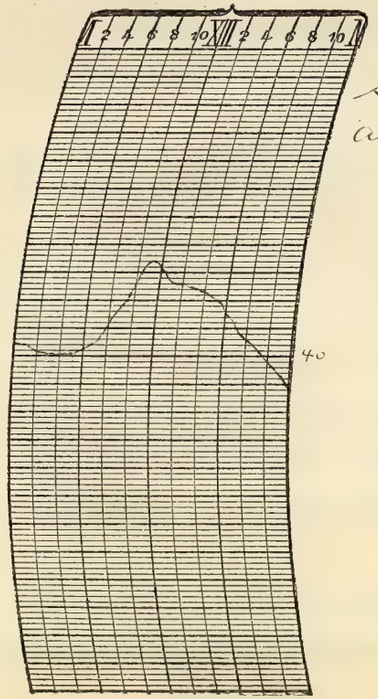
Reduced barometer, 29.93 a. m. 29.92 p. m.

River gage, 17.9 ft.

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |






NOTES.

Streets and walks almost free from snow and ice.

Prepared by } J.H.C.
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 20 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 33 | 31 | 28 | 27 | 25 | 23 | 24 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 22 | 21 | 21 | 22 | 22 | 22 | 22 | 22 | 22 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | 1.13 1.15 | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | Cloudy | | | | | — | Cloudy | | | | | | | | | | |
| Sunrise: Time, 5.44 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.53 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | N | N | N | N | N | N | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 16 | 14 | 15 | 18 | 13 | 18 | 17 | 17 | 19 | 20 | 18 | 19 | 21 | 21 | 21 | 25 | 24 | 28 | 23 | 24 | 20 | 20 | 17 | 17 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | 33 E 3.47 | 30 NE 4.15 | 35 NE 5.42 | | 31 NE 7.45 | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 35 | 21 | 28 | |

Total depth of snow for 24 hours ending 7 p. m., 3.0 inches.

Snow on ground 7 p. m., 3.0 inches.

Total snowfall, midnight to midnight, 5.0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .30 ins.

Total precipitation, midnight to midnight, .50 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 465

Average hourly velocity, 18.5

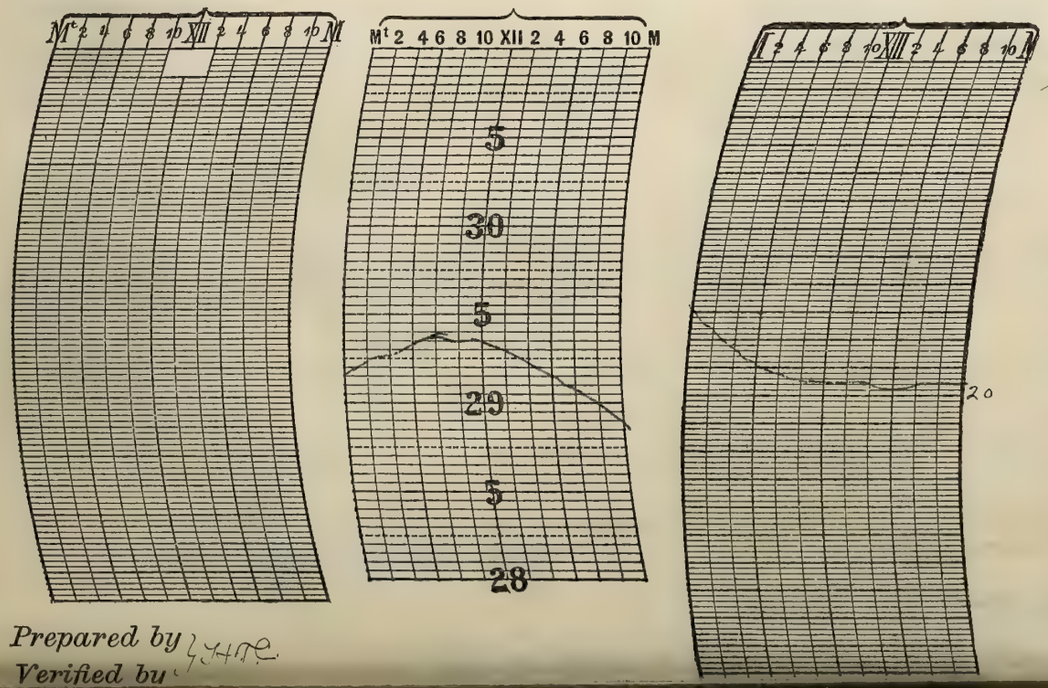
| Maximun. velocity, | Direction, | Time. |
|---|---|---|
| 35 Ex 36 | NE | 5.42 p.m. |

Relative humidity, 81 a. m. 93 p. m.

Reduced barometer, 30.29 a. m. 30.03 p. m.

River gage, 19.2 ft

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |




NOTES.

Streets and walks covered with snow and ice.

Prepared by
Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 21 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 25 | 28 | 23 | 21 | 21 | 21 | 22 | 22 | 22 | 22 | 23 | 23 |
| State of weather: Nature of precipitation and time of beginning and ending | | SE DN | | | | | | SB 7.30 | | | | SE 11.10 |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | Cloudy | — | | | |
| Sunrise: Time, 5.43 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | NE | NE | NE | NE | NE | N | N | N | N | N | N | NW |
| Wind movement | 17 | 18 | 16 | 17 | 17 | 13 | 12 | 10 | 7 | 8 | 6 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 23 | 24 | 25 | 25 | 25 | 24 | 24 | 24 | 23 | 23 | 23 | 22 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | — | Cloudy | — | | | | | | | | |
| Sunset: Time, 5.54 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | W | W |
| Wind movement | 10 | 11 | 11 | 12 | 11 | 9 | 10 | 14 | 10 | 8 | 11 | 13 |
| Maximum velocities (exceeding miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

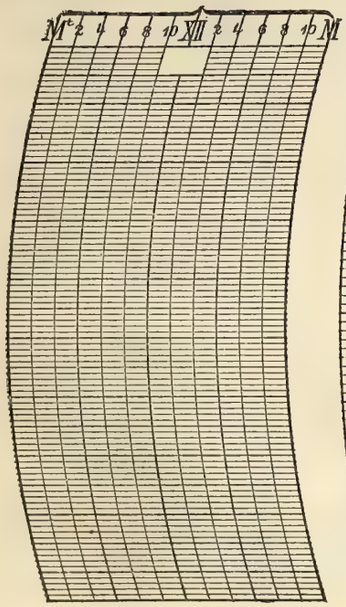
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 28 | 21 | 24 | |

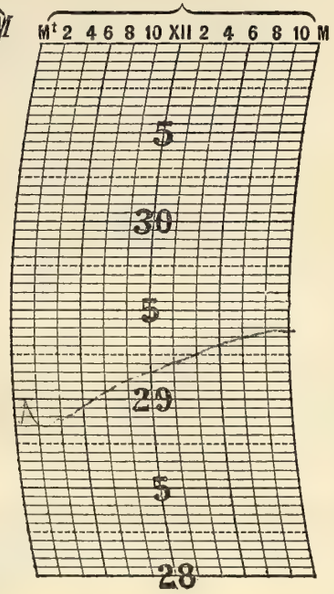
Total depth of snow for 24 hours ending 7 p. m., 2.8 inches.
Snow on ground 7 p. m., 5.8 inches.
Total snowfall, midnight to midnight, 0.8 inches.
Precipitation to 7 a. m., .28 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 12.2
Percentage of possible sunshine, 0
Prevailing direction NW
Total movement, 278
Average hourly velocity, 11.6

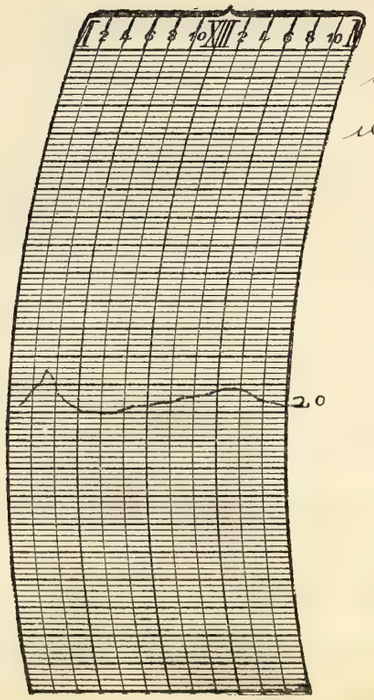
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 21 | NE | 2.00 a.m. |

Ex 21

Relative humidity, 90 a. m. 70 p. m.
Reduced barometer, 29.95 a. m. 30.26 p. m.
River gage, 7.5 ft.






NOTES.

Streets and walks covered with snow and ice in many places

Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 22 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 21 | 21 | 21 | 19 | 18 | 17 | 18 | 19 | 21 | 23 | 26 | 26 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | |
| Sunrise: Time, 5.41; Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | ~~.35~~ .32 0 | 1.0 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | NW | NW | W | W | W | W | W | NW | NW | N | N | NE |
| Wind movement | 14 | 12 | 11 | 8 | 6 | 7 | 6 | 6 | 6 | 6 | 7 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 26 | 27 | 28 | 29 | 28 | 27 | 26 | 26 | 25 | 24 | 23 | 23 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | Clear | | | | | | | | | | |
| Sunset: Time, 5.55; Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 0.2 | .92 0 | | | | | | |
| Wind direction | NE | NE | NE | NE | E | E | E | E | E | E | E | E |
| Wind movement | 6 | 5 | 6 | 6 | 4 | 5 | 4 | 5 | 3 | 4 | 5 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 29 | 17 | 23 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 10 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 12.2

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 100

Prevailing direction E

Total movement, 153

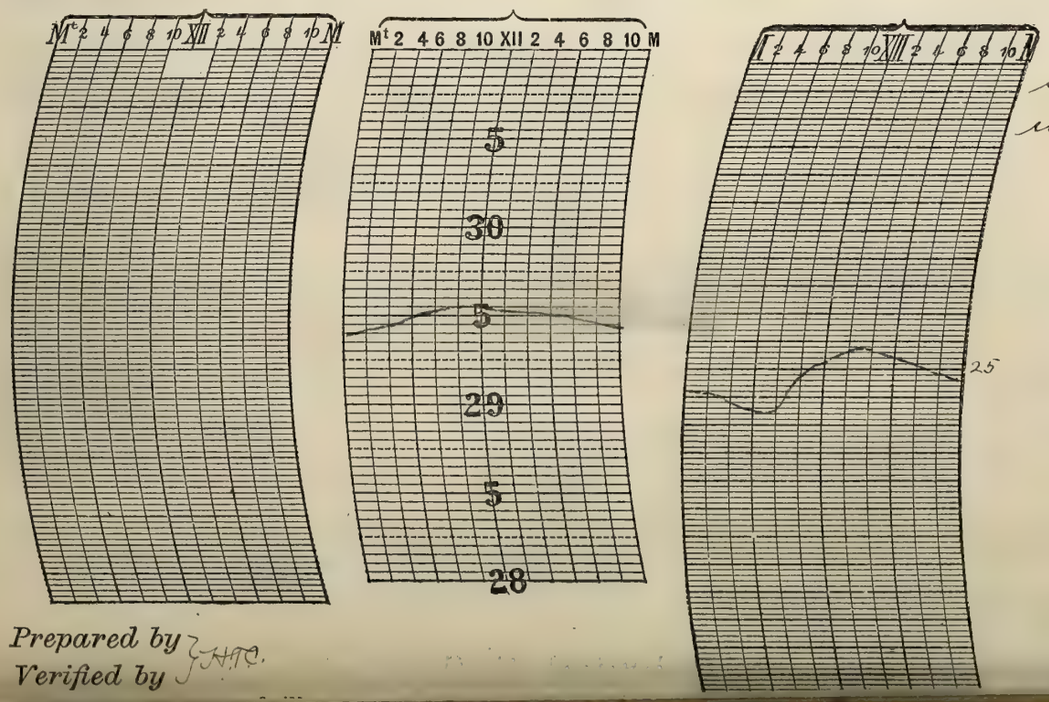
Average hourly velocity, 6.4

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 Ex. 16 | NW | 12.22 a.m. |

Relative humidity, 76 a. m. 68 p. m.

Reduced barometer, 30.46 a. m. 30.47 p. m.

River gage, 14.3 ft.




NOTES.

Streets and walks covered with snow and ice in many places

Prepared by
Verified by J.H.T.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 23 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 22 | 22 | 21 | 21 | 21 | 22 | 24 | 24 | 26 | 28 | 31 | 32 | 33 | 34 | 34 | 34 | 33 | 33 | 33 | 32 | 31 | 30 | 28 SB 10.00 | 26 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | — Pt Cloudy — | | | | | | | | | | | | — Cloudy — | | | | | | | | | | | |
| Sunrise: Time, 5.39 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | | | | |
| Sunset: Time, 5.56 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0.1 | 0.7 | 0 | 0.1 | 0.7 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | E | E | E | E | NE | E | E | E | E | E | E | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 4 | 4 | 4 | 6 | 6 | 5 | 6 | 7 | 6 | 7 | 5 | 9 | 11 | 9 | 9 | 12 | 11 | 10 | 9 | 11 | 13 | 13 | 13 | 12 |
| Maximum velocities (exceeding 24 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 34 | ~~26~~ 21 | 28 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.5 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 1.6

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 13

Prevailing direction NE

Total movement, 20 21

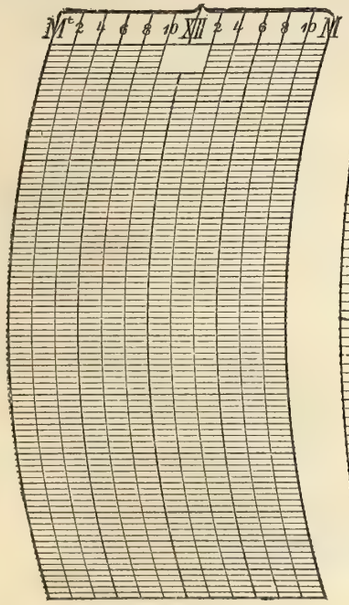
Average hourly velocity, 8.4

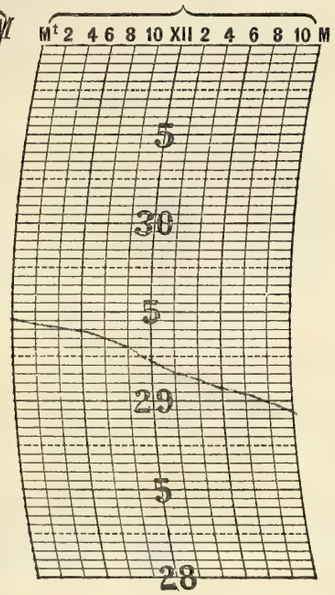
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 Ex 17 | NE | 8.40 p.m. |

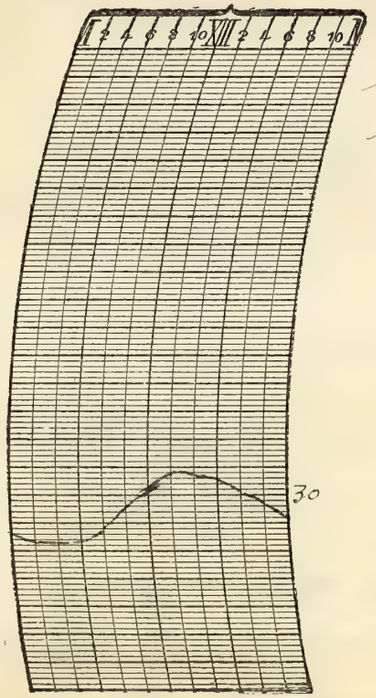
Relative humidity, 80 a. m. 88 p. m.

Reduced barometer, 30.34 a. m. 30.00 p. m.

River gage, 12.1 ft.






## NOTES.

Streets and walks covered with snow and ice in many places

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 24 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 26 | 26 | 25 | 23 | 23 | 25 | 28 | 29 | 30 | 30 | 30 | 31 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | SE DN | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | | Cloudy | | | |
| Sunrise: Time, 5.38 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | N | N | NE | NE | NE | NE | NE | NE | NE | NE | NE | N |
| Wind movement | 11 | 12 | 15 | 18 | 19 | 17 | 18 | 21 | 25 | 19 | 21 | 16 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | 31 NE 8.35 | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 31 | 30 | 30 | 29 | 28 | 27 | 26 | 26 | 25 | 25 | 23 | 21 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | — | Cloudy | | | | | | | | | |
| Sunset: Time, 5.57 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | N | N | N | N | N | N | N | N | N | NW | NW | N |
| Wind movement | 12 | 17 | 16 | 19 | 15 | 16 | 9 | 8 | 6 | 8 | 7 | 8 |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 31 | 21 | 26 | |

Total depth of snow for 24 hours ending 7 p. m., 2.2 inches.

Snow on ground 7 p. m., 2.0 inches.

Total snowfall, midnight to midnight, 1.7 inches.

Precipitation to 7 a. m., 22 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .17 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 0

Prevailing direction N

Total movement, 353

Average hourly velocity, 14.7

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 31 | NE | 8.35 a.m. |

Ex 32

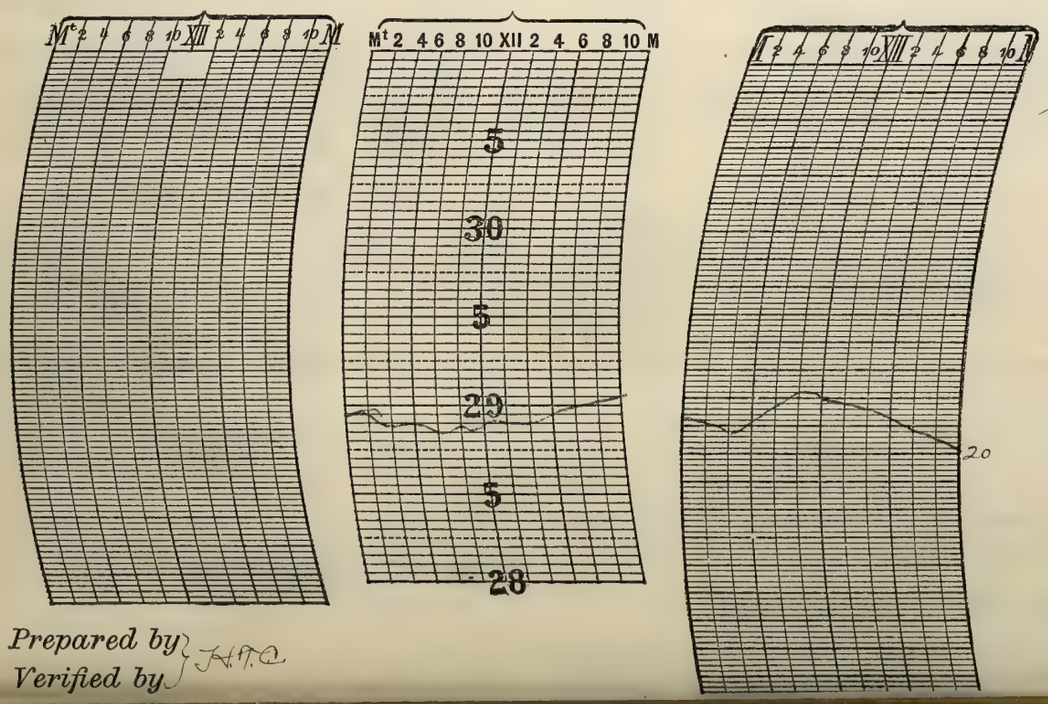
Relative humidity, 79 a. m. 64 p. m.

Reduced barometer, 29.82 a. m. 29.95 p. m.

River gage, 11.3 ft.

NOTES.

Streets and walks covered with snow




Prepared by
Verified by } H.T.C.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 25 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 21 | 21 | 20 | 20 | 17 | 17 | 18 | 19 | 22 | 26 | 28 | 31 | 32 | 34 | 35 | 36 | 34 | 33 | 32 | 31 | 30 | 29 | 29 | 29 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | Clear | | | | Pt Cloudy | | | | | | | | | | |
| Sunrise: Time, 5.36 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.58 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0.6 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | 0 | | | | | | |
| Wind direction | N | N | NW | NW | NW | NW | NW | N | NW | SW | SW | SW | SW | SW | SW | S | S | S | S | SE | S | S | S | S |
| Wind movement | 5 | 4 | 5 | 6 | 5 | 5 | 4 | 5 | 4 | 6 | 8 | 7 | 7 | 6 | 7 | 9 | 7 | 6 | 7 | 7 | 7 | 7 | 11 | 8 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 36 | 17 | 26 | |

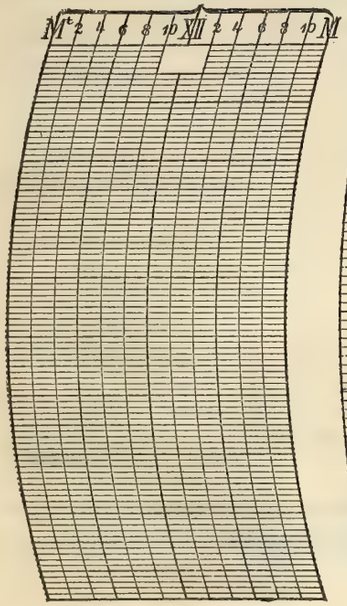
Total depth of snow for 24 hours ending 9 p. m., 0 inches.
Snow on ground 7 p. m., 7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, First Quarter
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 9.1
Possible sunshine, hours, 12.4
Percentage of possible sunshine, 73
Prevailing direction S
Total movement, 153
Average hourly velocity, 6.4

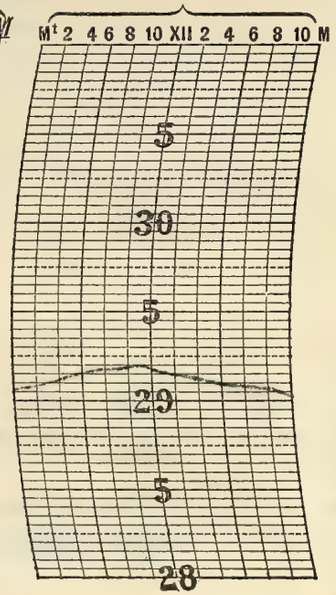
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 Ex 12 | S | 10.45 p.m. |

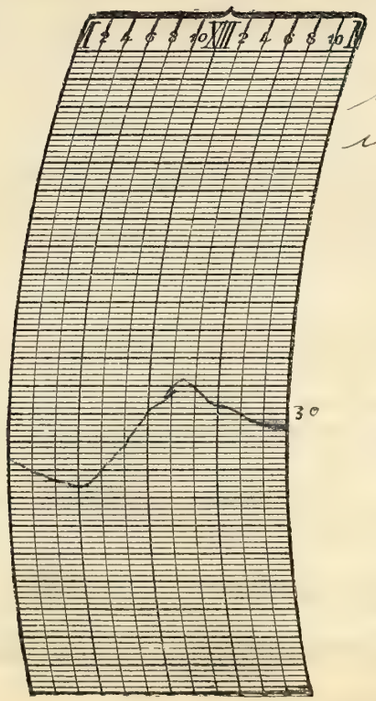
Relative humidity, 78 a. m. 50 p. m.
Reduced barometer, 30.14 a. m. 30.05 p. m.
River gage, 10.5 ft

NOTES.

Streets and walks covered with snow and ice in many places






Prepared by
Verified by J.T.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 26 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 29 | 29 | 30 | 31 | 32 | 33 | 33 | 36 | 37 | 41 | 41 | 44 | 45 | 46 | 43 | 43 | ~~43~~ 43 | 42 | 40 | 39 | 38 | 37 | 35 | 36 |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — | Pt Cloudy | | | | — | Pt Cloudy | | | | | | | | | | |
| | Sunrise: Time, 5.34 Character, Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.59 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0.9 | 0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.4 | 0.2 | 0 | 0 | | | | | | |
| Wind direction | S | S | S | S | S | SW | SW | SW | SW | SW | SW | W | W | W | W | W | W | W | W | W | NW | NW | NW | NW |
| Wind movement | 9 | 10 | 11 | 13 | 13 | 14 | 15 | 15 | 15 | 17 | 14 | 14 | 15 | 13 | 12 | 11 | 9 | 6 | 5 | 6 | 7 | 8 | 4 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 46 | 29 | 38 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 6.3

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 51

Prevailing direction W

Total movement, 260

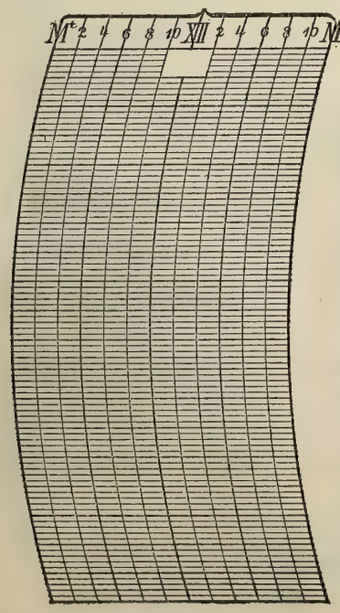
Average hourly velocity, 10.8

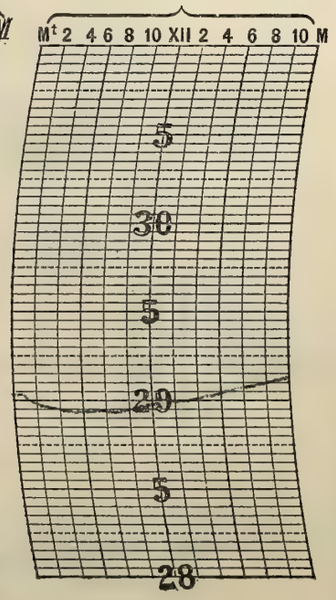
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 21 | SW | 9.10 AM. |

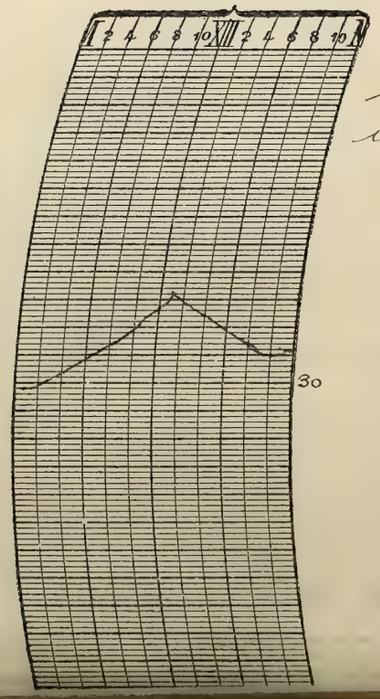
Relative humidity, ~~89~~ 70 a. m. 76 p. m. (Ex 23)

Reduced barometer, 29.88 a. m. 30.02 p. m.

River gage, 4.9 ft.






NOTES.

Streets and walks covered with snow and ice in many places.

Prepared by
Verified by } THR

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 27 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 35 | 35 | 34 | 33 | 32 | 32 | 34 | 35 | 37 | 39 | 41 | 37 | 37 | 37 | 39 | 40 | 40 | 39 | 39 | 39 | 39 | 38 | 36 | 33 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | RB 12.10 RE 12.50 T | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | | Cloudy | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0.2 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | W | NW | W | W | NW | NW | S | S | S | S | S | S | S | SW | SW | SW | SW | W | SW | SW | SW | SW | SW | SW |
| Wind movement | 3 | 4 | 3 | 2 | 2 | 1 | 4 | 6 | 9 | 10 | 8 | 9 | 7 | 9 | 10 | 8 | 8 | 5 | 4 | 5 | 3 | 3 | 2 | 2 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 5.33 Character, Cloudy

Sunset: Time, 6.00 Character, Cloudy

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 41 | 32 | 36 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 0.4

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 3

Prevailing direction SW

Total movement, 127

Average hourly velocity, 5.3

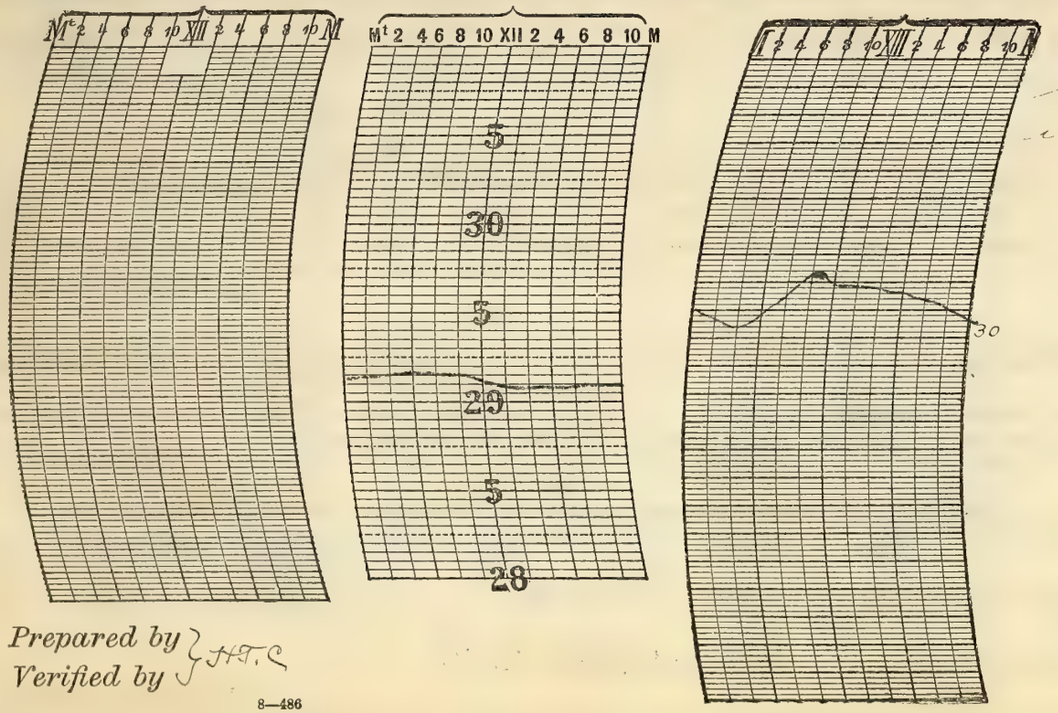
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 | SW | 2.30 p.m. |

Ex 12

Relative humidity, 89 a. m. 86 p. m.

Reduced barometer, 30.11 a. m. 30.02 p. m.

River gage, 13.0 ft




NOTES.

Streets and walks covered with snow and ice in many places!

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 28 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 34 | 33 | 32 | 31 | 30 | 31 | 32 RB 6.35 | 32 | 32 | 33 | 34 | 35 | 36 | 37 RE 1.15 | 36 | 36 | 37 | 36 | 36 | 35 | 36 | 36 RB 9.40 | 36 | 36 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | T | T | T | T | .01 | .03 | .01 T | T | | | | | | | | T | .03 | .09 |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | Cloudy | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | S | S | E | E | E | NE | NE | NE | E | E | E | NE | NE | E | E | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 6 | 3 | 3 | 4 | 4 | 5 | 7 | 8 | 9 | 8 | 8 | 8 | 10 | 8 | 7 | 7 | 8 | 8 | 9 | 10 | 9 | 10 | 10 | 10 |

Sunrise: Time, 5.31 Character, Cloudy

Sunset: Time, 6.01 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 37 | 30 | 34 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .16 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 179

Average hourly velocity, 7.5

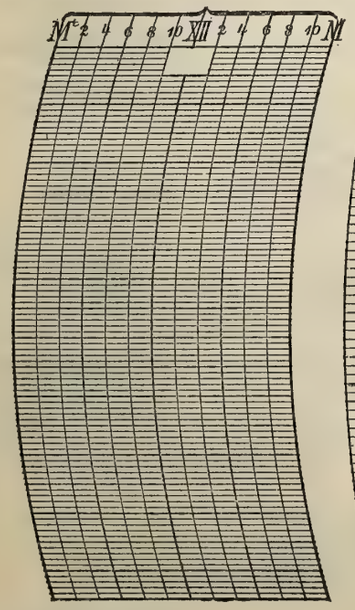
Maximum velocity, 12 Direction, NE Time, 9.35 p.m.

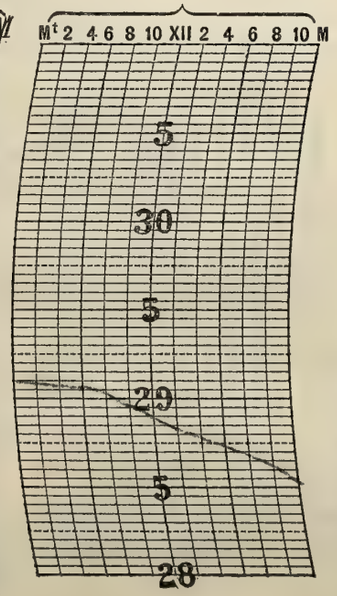
Ex 12

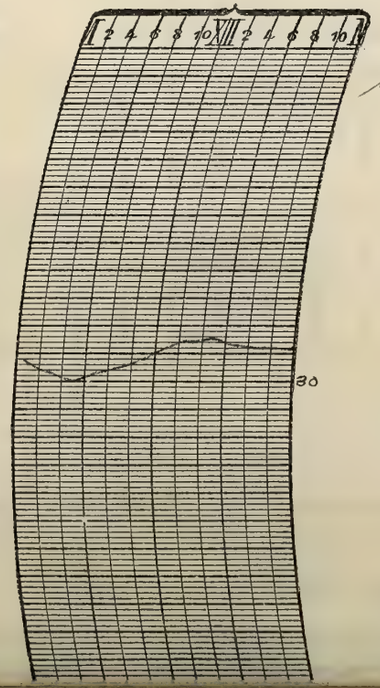
Relative humidity, 99 a. m. 96 p. m.

Reduced barometer, 29.99 a. m. 29.64 p. m.

River gage, 13.5 ft.






NOTES.

Streets and walks nearly free from snow and ice.

Prepared by J. H. R.

Verified by

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 29 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 37 | 37 | 38 | 39 | 40 | 40 | 40 | 40 | 38 | 40 | 42 | 44 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | RE 6.35 | | | | | |
| Amounts of precipitation | .13 | .07 | .08 | .06 | .03 | .01 | .01 | | | | | |
| Cloudiness and other conditions | | | | | | | | | Cloudy | | | |
| Sunrise: Time, 5.29 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 |
| Wind direction | N | N | N | N | N | N | N | N | N | N | N | N |
| Wind movement | 8 | 9 | 14 | 13 | 14 | 14 | 8 | 10 | 12 | 10 | 10 | 11 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 46 | 44 | 47 | 45 | 43 | 38 | 36 | 35 | 34 | 33 | 33 | 32 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | Cloudy | | | | | | | | |
| Sunset: Time, 6.02 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | 0 | 0 | | | | | |
| Wind direction | N | N | N | N | N | N | N | N | NE | NE | NE | NE |
| Wind movement | 13 | 13 | 11 | 12 | 13 | 11 | 12 | 10 | 7 | 2 | 1 | 2 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 47 | 32 | 40 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .51 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .39 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 5.6

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 44

Prevailing direction N

Total movement, 240

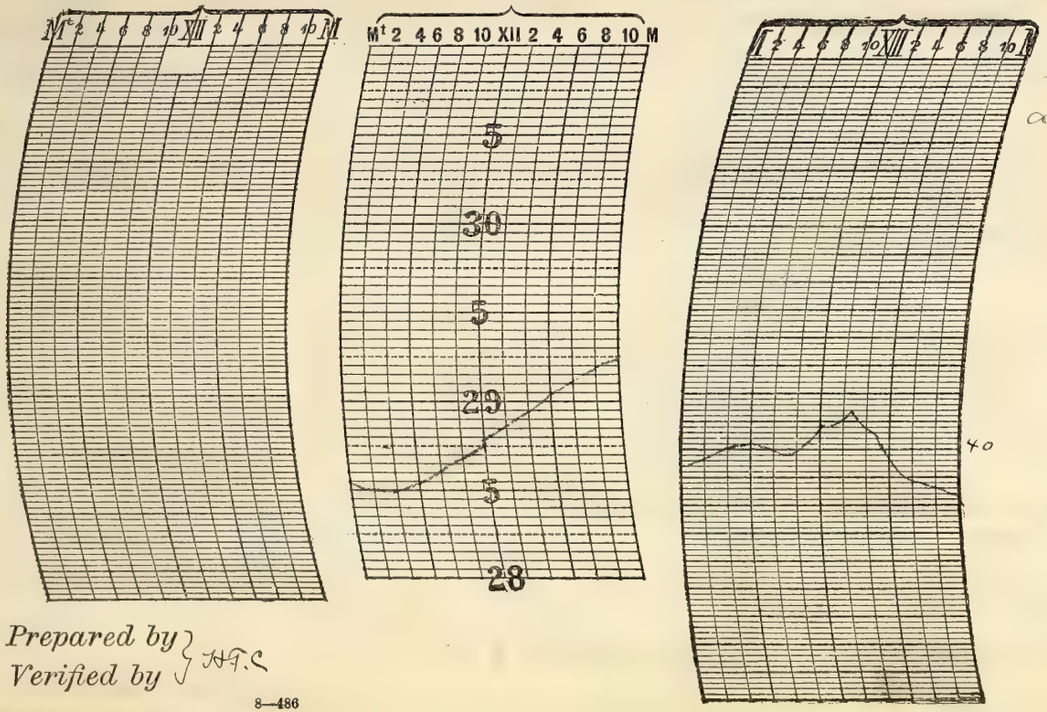
Average hourly velocity, 10.0

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 18 Ex 18 | NW | 1.22 p.m. |

Relative humidity, 95 a. m. 60 p. m.

Reduced barometer, 29.47 a. m. 29.99 p. m.

River gage, 16.0 ft




NOTES.

Streets and walks almost free from snow and ice

Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 30 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 31 | 29 | 29 | 29 | 29 | 28 | 29 | 30 | 32 | 34 | 35 | 36 | 38 | 40 | 46 | 46 | 46 | 45 | 44 | 43 | 42 | 41 | 41 | 41 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Pt Cloudy | | | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, 5.28 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.03 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0.3 | 0.9 | 0.9 | 0.4 | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 0 | 0.5 0 | | | | | |
| Wind direction | NE | NE | NE | NE | NE | E | E | E | E | SE | S | S | SW | SW | SW | S | S | S | S | S | S | S | S | S |
| Wind movement | 1 | 4 | 5 | 7 | 8 | 8 | 7 | 5 | 6 | 7 | 7 | 8 | 7 | 6 | 7 | 7 | 9 | 6 | 6 | 5 | 6 | 8 | 10 | 10 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 46 | 28 | 37 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 7.8

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 62

Prevailing direction S

Total movement, 160

Average hourly velocity, 6.7

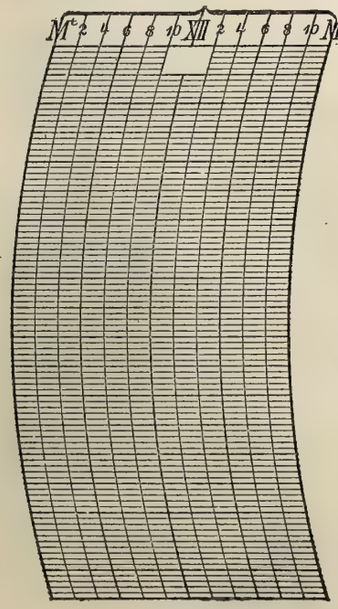
Maximum velocity, 11 Direction, S Time. 11.05 pm

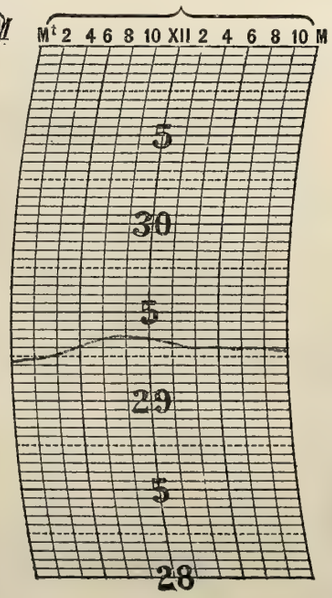
Ex 11

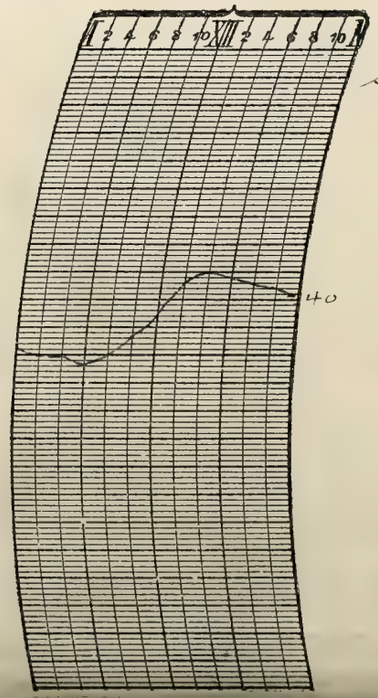
Relative humidity, 87 a. m. 86 p. m.

Reduced barometer, 30.28 a. m. 30.22 p. m.

River gage, 1.9.3 ft






NOTES.

Streets and walks nearly free from snow and ice.

Prepared by
Verified by } J.H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 31 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 41 | 41 | 40 | 40 | 41 | 42 | 44 | 50 | 54 | 60 | 63 | 67 | 68 | 69 | 69 | 63 | 55 | 48 | 46 | 43 | 41 | 39 | 40 | 40 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | – | Clear | | | | | | × | Pt Cloudy | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 57 0 | 0.7 0.3 | 1.0 | 0.6 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 0 | 0 | 0 | | | | | |
| Wind direction | S | SW | SW | S | S | S | S | SW | SW | SW | SW | SW | SW | SW | SW | W | NW | NW | N | NE | NE | NE | NE | E |
| Wind movement | 9 | 10 | 10 | 10 | 12 | 11 | 12 | 13 | 15 | 18 | 23 | 22 | 26 | 23 | 19 | 15 | 12 | 12 | 10 | 12 | 11 | 9 | 7 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 5.26 Character, Clear

Sunset: Time, 6.04 Character, Cloudy

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 69 | 39 | 54 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 9.5

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 75

Prevailing direction SW

Total movement, 328

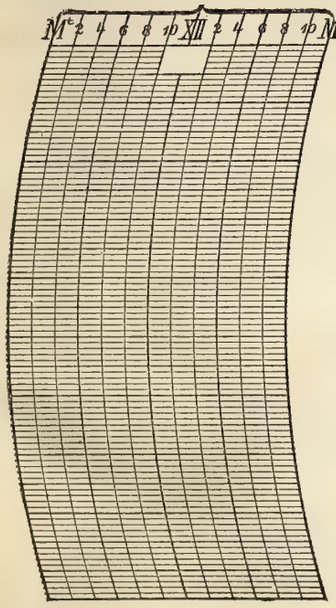
Average hourly velocity, 13.7

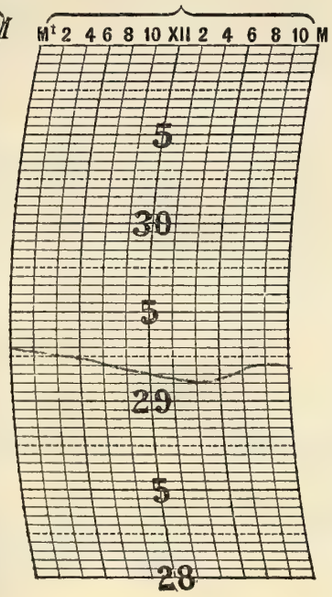
Maximum velocity, 29 Ex 30 Direction, SW Time. 12.45 p.m.

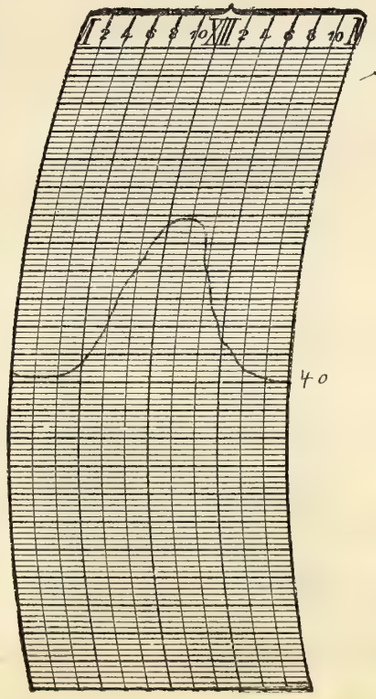
Relative humidity, 84 a. m. 69 p. m.

Reduced barometer, 30.14 a. m. 30.08 p. m.

River gage, 20.4 ft.




NOTES.

Streets and walks free from snow and ice.

Prepared by } H.F.R.
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 1 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 38 | 36 | 35 | 35 | 34 | 34 | 35 | 37 | 38 | 42 | 47 | 50 | 47 RB 12.05 | 47 | 46 | 44 | 42 | 40 | 39 | 39 | 38 | 38 RE 9.45 | 36 | 35 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | .07 | .04 | .01 | .05 | .05 | .03 | .03 | .03 | .01 | .01 | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | | | | | | | | | | | |
| Sunrise: Time, 5.24 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.06 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | E | E | E | E | E | E | E | E | E | E | SE | S | NW | N | N | N | N | NW | N | N | N | N | N | N |
| Wind movement | 8 | 8 | 10 | 9 | 11 | 9 | 9 | 7 | 6 | 3 | 4 | 5 | 1 | 2 | 3 | 6 | 9 | 6 | 7 | 6 | 7 | 6 | 7 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 50 | 34 | 42 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 28 ins.

Total precipitation, midnight to midnight, 1.33 inches.

Character of day, Cloudy Moon phase, Full Moon

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 12.7

Percentage of possible sunshine, 0

Prevailing direction N., E

Total movement, 155

Average hourly velocity, 6.5

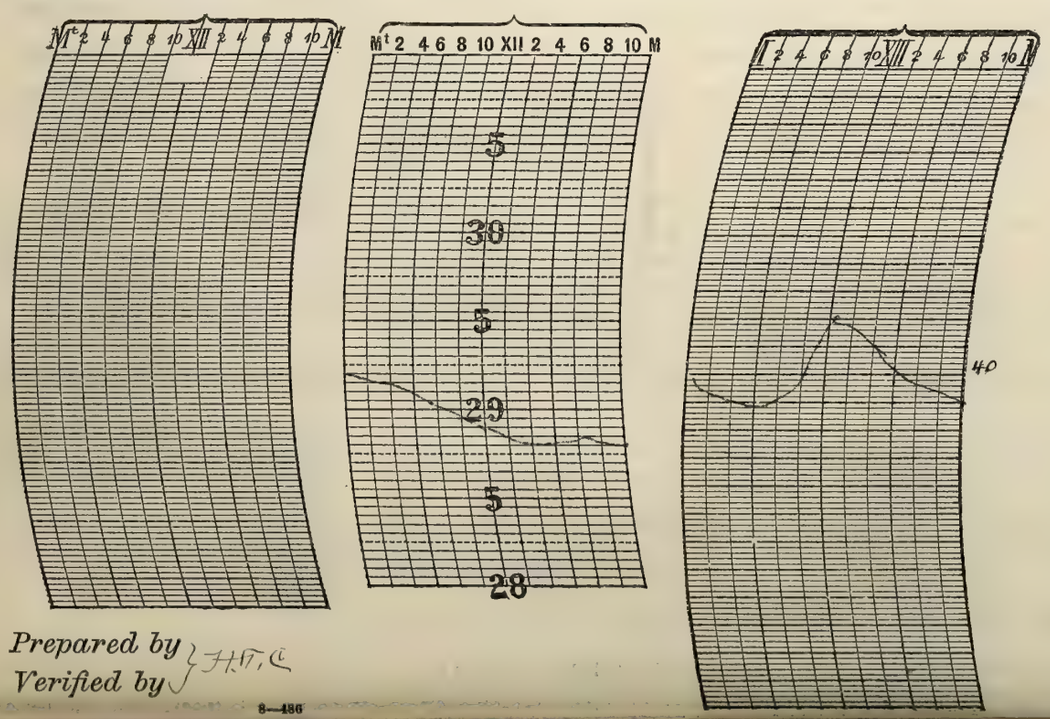
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 13 Ex 13 | E | 2.30 p.m. |

Relative humidity, 94 a. m. 100 p. m.

Reduced barometer, 29.97 a. m. 29.75 p. m.

River gage, 20.8 ft

NOTES.




Prepared by
Verified by } H.H.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 2 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 34 | 33 | 33 | 32 | 32 | 32 | 33 | 33 | 33 | 34 | 34 | 34 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | N | N | N | NE | NE | NE | NE | NE | NE | NE | NE | N |
| Wind movement | 7 | 9 | 10 | 11 | 12 | 12 | 11 | 11 | 14 | 13 | 9 | 7 |

Sunrise: Time, 5.23; Character, Cloudy

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 34 | 35 | 37 | 38 | 39 | 38 | 37 | 36 | 35 | 30 | 29 | 28 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | NW | NW | W | W | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 8 | 8 | 9 | 11 | 11 | 13 | 13 | 13 | 12 | 12 | 9 | 9 |

Sunset: Time, 6.07; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 39 | 28 | 34 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.5 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 12.7

Percentage of possible sunshine, 0

Prevailing direction NW

Total movement, 255

Average hourly velocity, 10.6

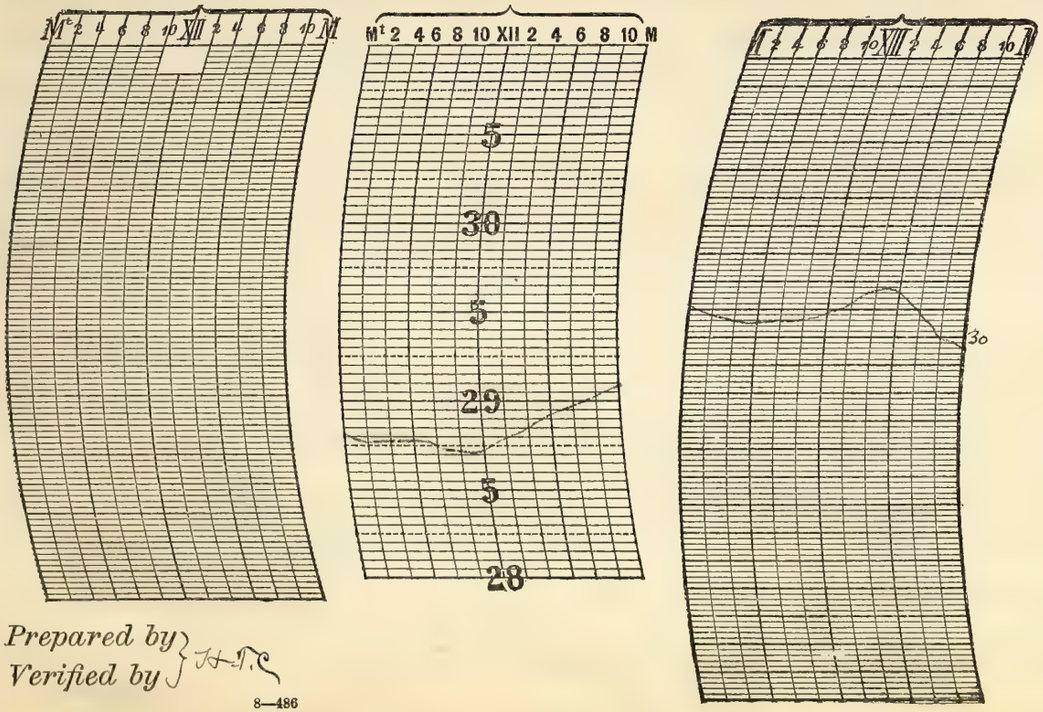
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 | W | 5.45 p.m |
| Ex 17 | | |

Relative humidity, 95 a. m. 91 p. m.

Reduced barometer, 29.69 a. m. 29.91 p. m.

River gage, 21.0 ft

NOTES.




Prepared by
Verified by } H. T. C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 3 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 27 | 26 | 26 | 25 | 25 | 25 | 27 | 31 | 33 | 35 | 37 | 38 | 40 | 41 | 44 | 46 | 46 | 44 | 42 | 41 | 40 | 38 | 38 | 37 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | Clear | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 60 0 | 0.3 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.5 0.5 | .13 0 | | | | | |
| Wind direction | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | W | W | W | W | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 9 | 7 | 6 | 7 | 8 | 8 | 9 | 11 | 12 | 13 | 11 | 9 | 10 | 10 | 10 | 10 | 12 | 8 | 8 | 8 | 8 | 8 | 11 | 11 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 5.21; Character, Clear

Sunset: Time, 6.08; Character, Clear

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 46 | 25 | 36 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 12.7

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 99

Prevailing direction NW

Total movement, 224

Average hourly velocity, 9.3

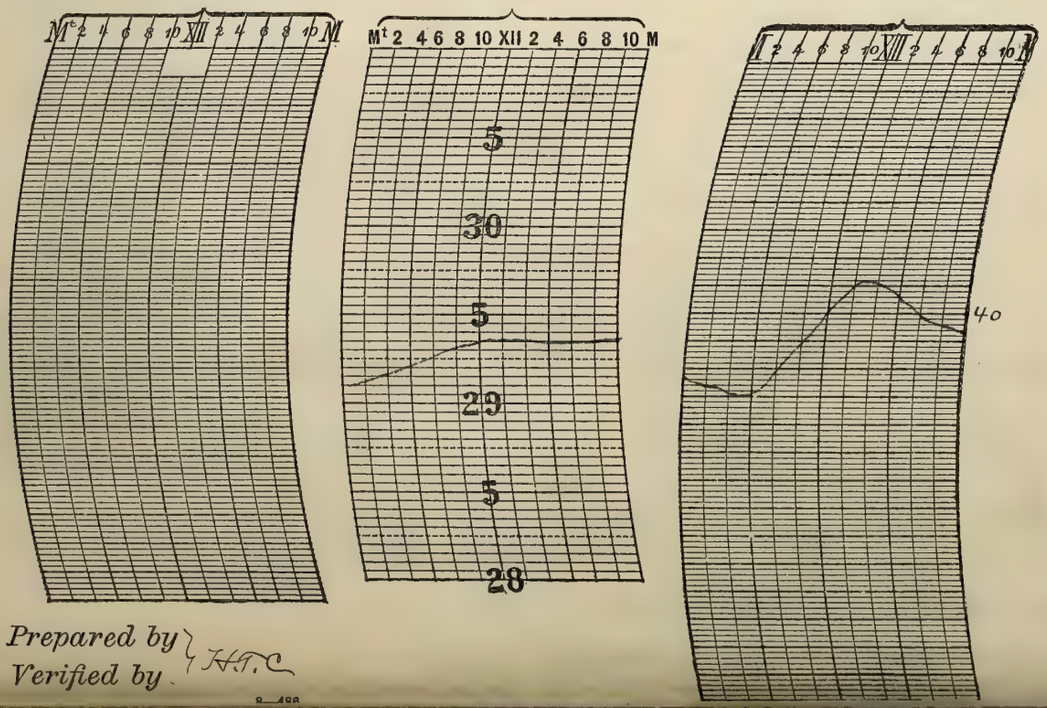
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 15 | NW | 9.30 a.m. |

Relative humidity, 70 a. m. 88 p. m.

Reduced barometer, 30.22 a. m. 30.28 p. m.

River gage, 19.6 ft.

NOTES.




Prepared by
Verified by } H.T.C.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 4 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 37 | 37 | 36 | 37 | 37 | 37 | 39 | 42 | 47 | 52 | 56 | 59 | 63 | 65 | 67 | 67 | 66 | 65 | 63 | 60 | 59 | 57 | 55 | 55 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — | Clear | — | | | — | Clear | — | | | | | | | | | |
| Sunrise: Time, 5.19 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.09 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0.6 | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 0 | | | | | |
| Wind direction | SW | SW | SW | S | S | S | S | S | S | S | SW | SW | SW | SW | SW | SW | SW | SW | S | S | S | SW | SW | SW |
| Wind movement | 10 | 11 | 10 | 7 | 7 | 11 | 12 | 15 | 18 | 19 | 20 | 20 | 21 | 18 | 18 | 18 | 17 | 13 | 11 | 12 | 13 | 10 | 11 | 12 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 67 | 36 | 52 | |

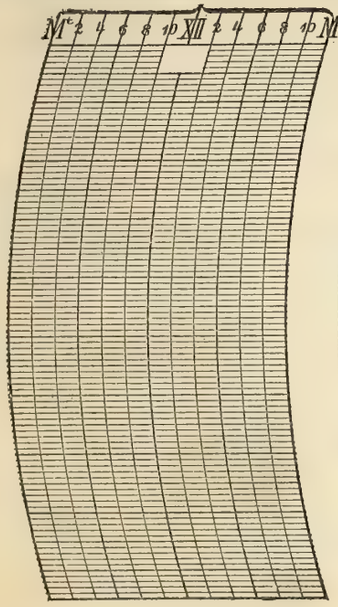
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 9.6
Possible sunshine, hours, 12.8
Percentage of possible sunshine, 75
Prevailing direction SW
Total movement, 334
Average hourly velocity, 13.9

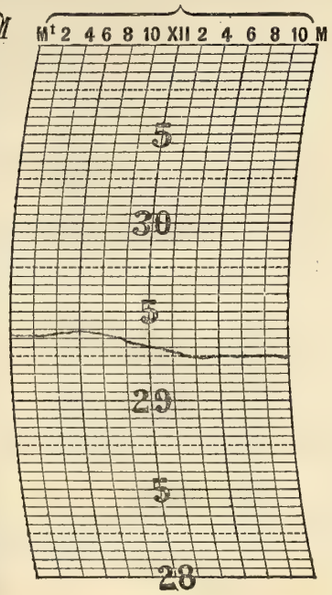
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 25 | SW | 11.30 a.m |

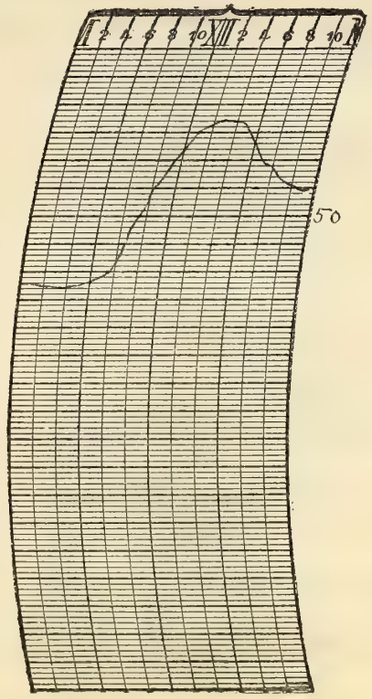
Ex 25

Relative humidity, 88 a. m. 74 p. m.
Reduced barometer, 30.32 a. m. 30.15 p. m.
River gage, 17.6 ft.

NOTES.






Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 5 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 56 | 55 | 54 | 53 | 52 | 52 | 54 | 57 | 62 | 63 | 66 | 68 | 70 | 71 | 72 | 71 | 70 | 68 | 66 | 65 | 64 | 63 | 61 | 59 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — | Clear | — | | | — | Clear | — | | | | | | | | | |
| Sunrise: Time, 5.17; Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.10; Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0.2 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 / 0.4 | .16 / 0 | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 14 | 12 | 13 | 14 | 12 | 12 | 15 | 18 | 19 | 22 | 21 | 22 | 27 | 28 | 26 | 26 | 23 | 19 | 18 | 17 | 17 | 17 | 15 | 14 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | 30 S 12.47 | 31 SW 1.45 | 30 SW 2.10 | 30 SW 3.15 | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 72 | 52 | 62 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 10.9

Possible sunshine, hours, 12.9

Percentage of possible sunshine, 84

Prevailing direction SW

Total movement, 441

Average hourly velocity, 18.4

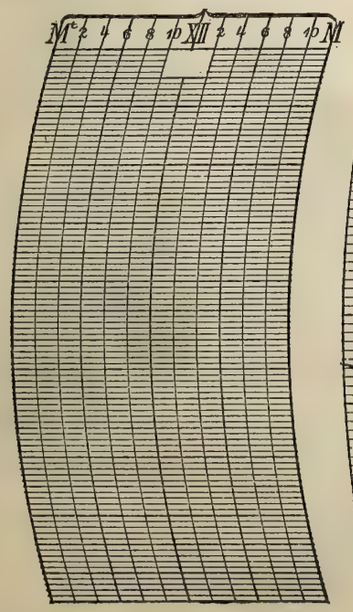
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 31 Ex 32 | SW | 1.45 p |

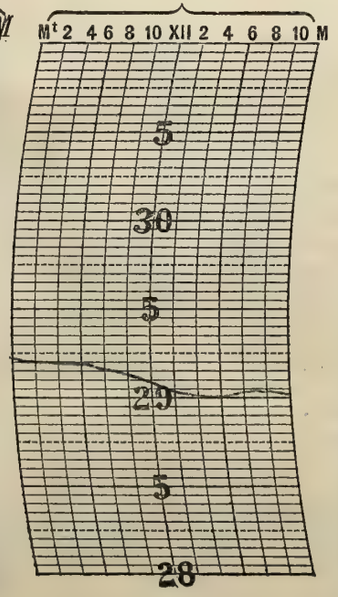
Relative humidity, 55 a. m. 77 p. m.

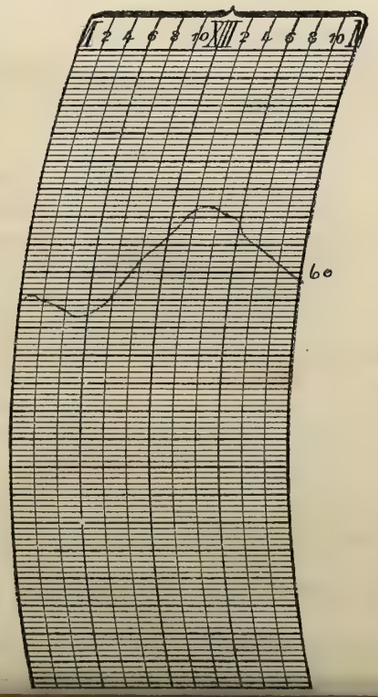
Reduced barometer, 30.08 a. m. 29.92 p. m.

River gage, 15.8 ft.

NOTES.






Prepared by
Verified by } J.H.C.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 6 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 58 | 57 | 57 | 56 | 54 | 55 | 56 | 60 | 62 | 65 | 68 | 70 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | |
| Sunrise: Time, 5.16 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0.3 | 0.3 | 0.6 | 1.0 | 1.0 | 1.0 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | S |
| Wind movement | 13 | 15 | 14 | 13 | 13 | 14 | 15 | 17 | 19 | 20 | 20 | 21 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 72 | 73 | 73 | 72 | 70 | 68 | 66 | 65 | 61 | 58 | 54 | 50 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | RB 8.45 | | | |
| Amounts of precipitation | | | | | | | | | T | .04 | .15 | .01 |
| Cloudiness and other conditions | | | | | Pt Cloudy | | | | | | | |
| Sunset: Time, 6.11 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 0.4 | 0.8 | 0.3 | 0 | 0 | | | | | |
| Wind direction | SW | SW | SW | S | S | S | S | S | SW | SW | W | W |
| Wind movement | 28 | 26 | 23 | 25 | 28 | 31 | 26 | 24 | 27 | 28 | 21 | 17 |
| Maximum velocities (exceeding 29 miles) direction and time | 31 SW 12.20 | 33 S 1.30 | 32 SW 2.10 | 31 S 3.25 | 34 S 4.55 | 37 S 5.30 | 31 S 6.15 | | 31 SW 8.30 | 33 SW 9.45 | 32 SW 10.10 | |

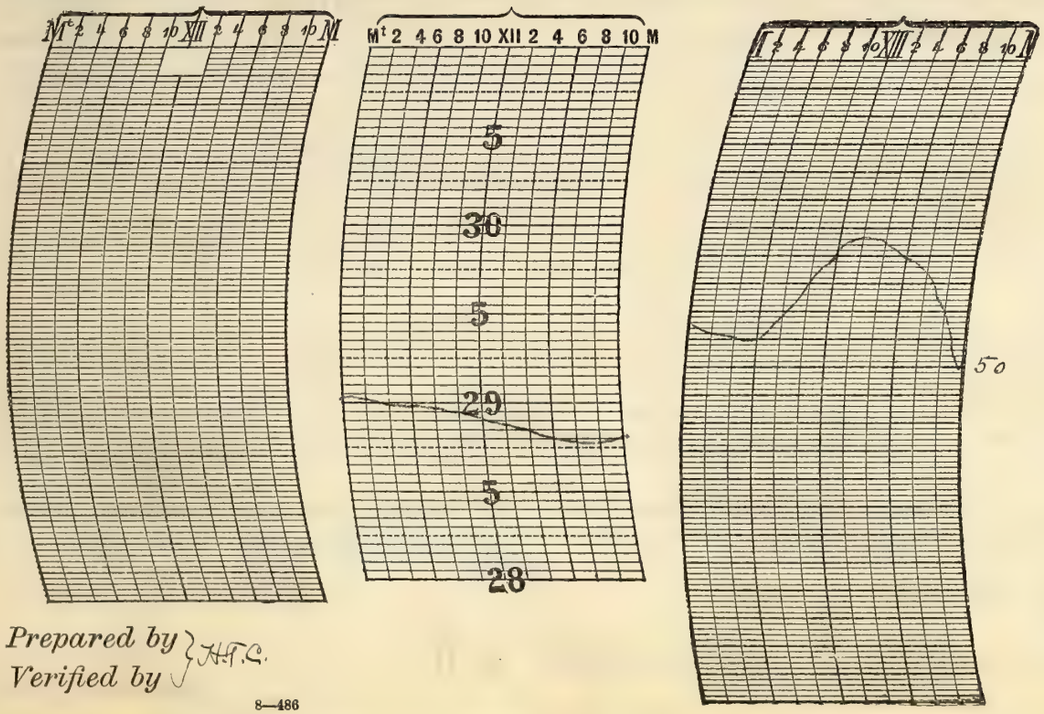
| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 73 | 50 | 62 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .20 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 6
Actual sunshine, hours, 7.7
Possible sunshine, hours, 12.9
Percentage of possible sunshine, 60
Prevailing direction SW
Total movement, 498
Average hourly velocity, 20.7

Maximum velocity, ~~38~~ 37 Ex 40 Direction, S Time. 5.30 pm.
Relative humidity, 85 a. m. 73 p. m.
Reduced barometer, 29.89 a. m. 29.71 p. m.
River gage, 14.1 ft.

NOTES.




Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 7 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 51 48 | 47 | 45 | 44 | 42 | 40 | 39 | 37 | 36 | 36 | 36 | 36 |
| Nature of precipitation and time of beginning and ending | | RE DN | | | | | | | SB 8.10 | | | SE 11.35 |
| Amounts of precipitation | .02 | .01 | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Pt Cloudy | | | |
| Sunrise: Time, 5.14 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0.6 | 0.4 | 0.2 | 0.2 |
| Wind direction | W | W | SW | W | W | W | W | W | NW | NW | NW | W |
| Wind movement | 20 | 18 | 18 | 21 | 20 | 18 | 21 | 22 | 28 | 27 | 25 | 20 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | 30 W 3.45 | | | | | 30 NW 8.15 | 32 NW 9.15 | 34 NW 10.20 | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 37 | 38 | 40 | 40 | 39 | 38 | 36 | 35 | 34 | 33 | 33 | 33 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Pt Cloudy | | | | | | | | | |
| Sunset: Time, 6.12 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0.6 | 1.0 | 1.0 | 0.9 | 0.8 | 0.3 | 0 | | | | | |
| Wind direction | W | W | NW | NW | NW | NW | NW | NW | W | SW | SW | SW |
| Wind movement | 24 | 23 | 25 | 22 | 20 | 16 | 12 | 11 | 7 | 7 | 7 | 7 |
| Maximum velocities (exceeding 27 miles) direction and time | 30 W 12.20 | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | ~~50~~ 51 | 33 | 42 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .23 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 5.9

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 45

Prevailing direction W

Total movement, 439

Average hourly velocity, 18.1

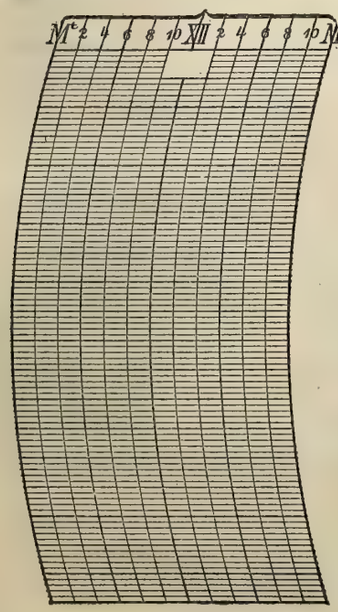
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 33 ~~34~~ E 34 | NW | 10.20 a.m. |

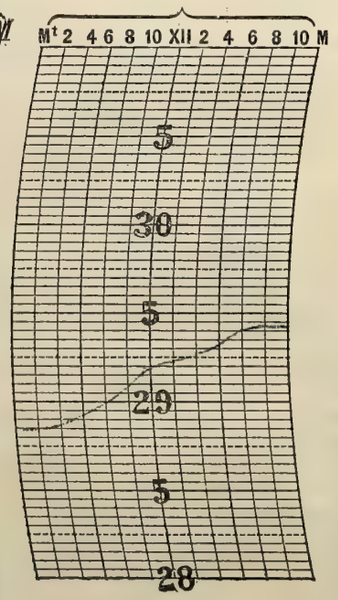
Relative humidity, 96 a. m. 82 p. m.

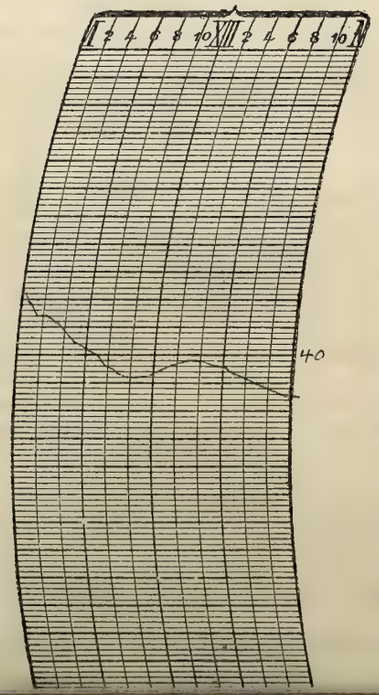
Reduced barometer, 29.89 a. m. 30.32 p. m.

River gage, 12.9 ft

NOTES.






Prepared by
Verified by } JHC

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 8 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 33 | 33 | 32 | 32 | 33 | 34 | 36 | 38 | 40 | 44 | 49 | 52 | 53 | 55 | 55 | 56 | 54 | 52 | 51 | 49 | 48 | 47 | 45 | 44 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | Clear | | | | Pt Cloudy | | | | | | | | | | |
| Sunrise: Time, 5.13; Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.13; Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | 0 | | 0 | 0 | 0 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | 0.6 | 0.6 | 0.4 (0.6) | 0 (22) | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | W | W | W | W | W | NW | W | W | W | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 9 | 9 | 9 | 11 | 11 | 8 | 7 | 10 | 10 | 14 | 15 | 17 | 14 | 15 | 14 | 14 | 15 | 13 | 9 | 9 | 10 | 10 | 14 | 13 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 56 | 32 | 44 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 9.0

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 69

Prevailing direction SW

Total movement, 280

Average hourly velocity, 11.7

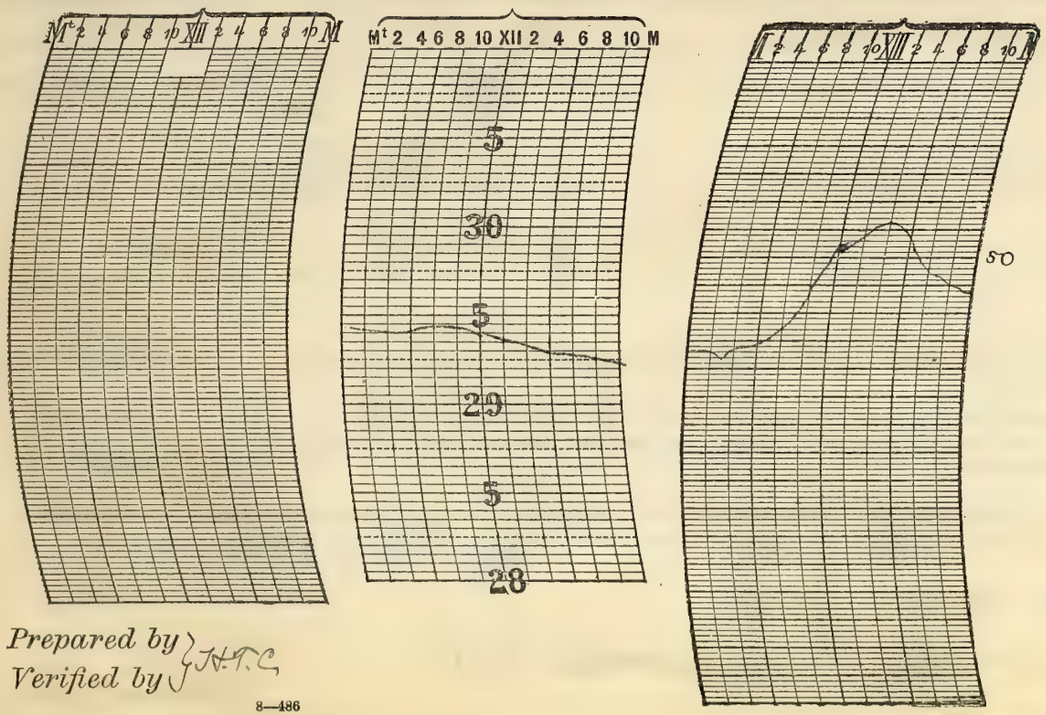
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 21 Ex 22. | NW | 11.25 a.m. |

Relative humidity, 82 a. m. 81 p. m.

Reduced barometer, 30.38 a. m. 30.21 p. m.

River gage, 11.6 ft

NOTES.




Prepared by } J.H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 9 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 43 | 42 | 42 | 41 | 41 | 41 | 44 | 50 | 54 | 58 | 62 | 64 | 65 | 66 | 67 | 67 | 65 | 63 | 61 | 60 | 58 | 56 | 52 | 50 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | Clear | | | | | | | | | | | |
| Sunrise: Time, 5.11; Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.14; Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | .82 0 | 0.4 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | 0 | 0 | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 14 | 12 | 13 | 13 | 13 | 16 | 20 | 22 | 26 | 27 | 29 | 29 | 33 | 28 | 31 | 28 | 25 | 20 | 17 | 14 | 16 | 16 | 16 | 11 |
| Maximum velocities (exceeding 24 miles) direction and time | | | | | | | | | 30 SW 8.30 | 31 SW 9.55 | 34 SW 10.20 | 36 SW 11.15 | 38 SW 12.16 | 36 SW 1.40 | 36 SW 2.45 | 36 SW 3.15 | 34 SW 4.15 | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 67 | 41 | 54 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Last Quarter.

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 11.4

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 88

Prevailing direction SW

Total movement, 489

Average hourly velocity, 20.4

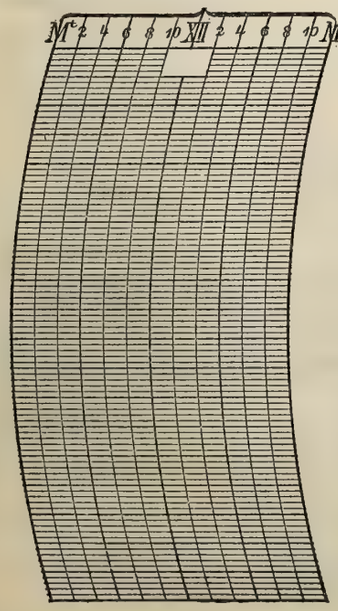
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 38 & 39 | SW | 12.16 p.m. |

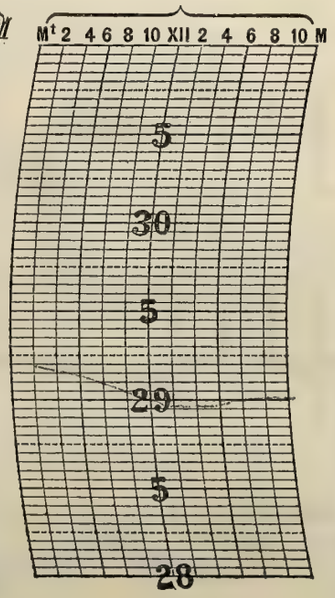
Relative humidity, 78 a. m. 60 p. m.

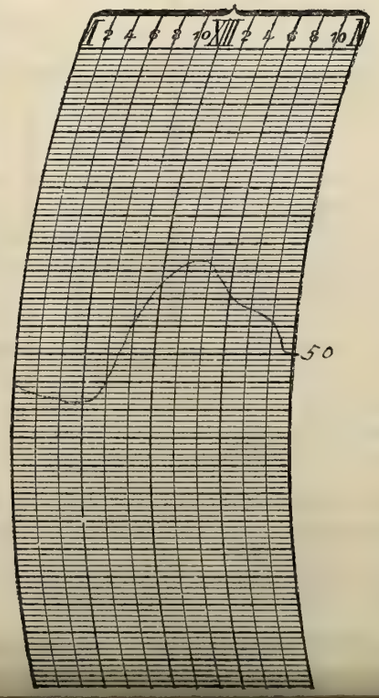
Reduced barometer, 30.03 a. m. 29.88 p. m.

River gage, 10.0 ft.

NOTES.




Prepared by
Verified by } J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 10 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 50 | 48 | 44 | 41 | 40 | 41 | 42 | 46 | 47 | 53 | 52 | 56 | 58 | 60 | 61 | 62 | 61 | 60 | 59 | 58 | 56 | 54 | 53 | 52 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | — Clear — | | | | — Clear — | | | | | | | | | | | |
| Sunrise: Time, 5.09; Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.15; Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | .85 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 0.7 | .25 0 | | | | | |
| Wind direction | SW | W | N | N | N | N | N | N | NE | N | N | N | N | NW | NW | W | SW | SW | SW | SE | SE | SE | S | S |
| Wind movement | 8 | 8 | 10 | 8 | 6 | 5 | 6 | 9 | 6 | 6 | 7 | 7 | 7 | 6 | 4 | 5 | 6 | 5 | 5 | 4 | 6 | 7 | 8 | 8 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 62 | 40 | 51 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 13.1

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 100

Prevailing direction N

Total movement, 157

Average hourly velocity, 6.5

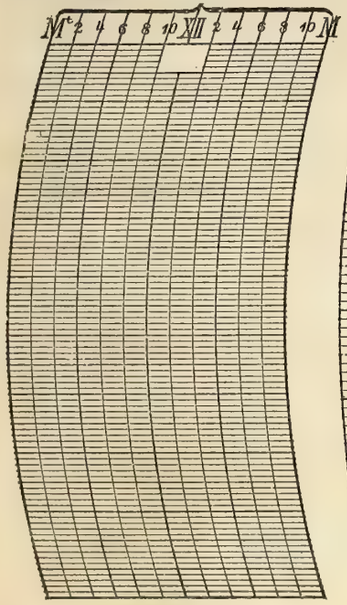
Maximum velocity, 14 Ex 14 Direction, N Time. 2.30 p.m.

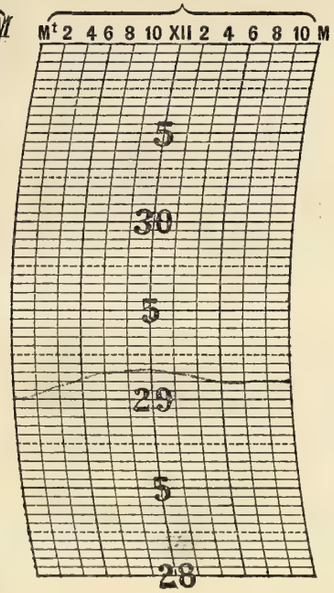
Relative humidity, 77 a. m. 60 p. m.

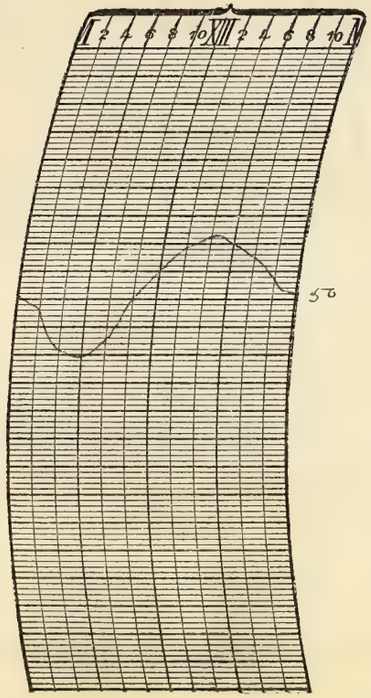
Reduced barometer, 30.06 a. m. 30.00 p. m.

River gage, 8.7 ft.

NOTES.






Prepared by
Verified by } J.F.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 11 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 50 | 49 | 48 | 48 | 46 | 45 | 48 | 54 | 60 | 66 | 68 | 70 | 70 | 71 | 72 | 72 | 71 | 69 | 66 | 65 | 64 | 63 | 63 | 62 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — Clear — | | | | | — Clear — | | | | | | | | | | | |
| | Sunrise: Time, 5.08 Character, Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.16 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 0 | | | | | |
| Wind direction | S | S | S | S | S | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | S | S | SE | SE | SE |
| Wind movement | 8 | 7 | 7 | 7 | 8 | 9 | 8 | 13 | 13 | 14 | 12 | 11 | 11 | 12 | 9 | 11 | 11 | 9 | 4 | 3 | 2 | 2 | 3 | 3 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 72 | 45 | 58 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 10.9

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 83

Prevailing direction SW

Total movement, 197

Average hourly velocity, 8.2

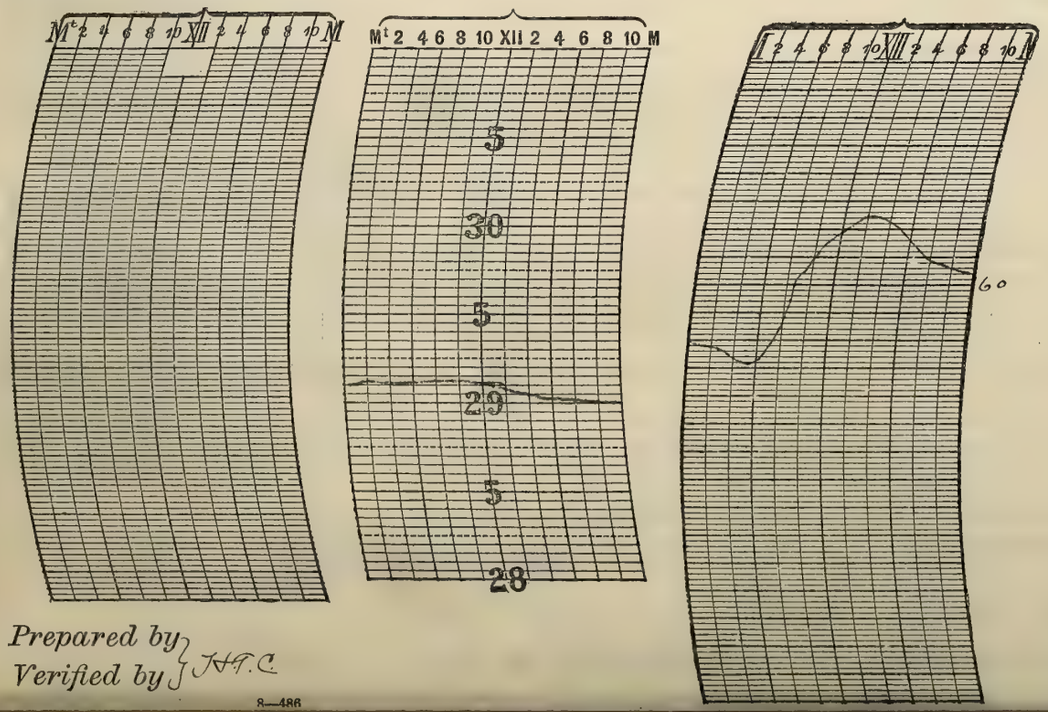
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 Ex 16 | SW | 9.00 A.M. |

Relative humidity, 70 a. m. 64 p. m.

Reduced barometer, 30.04 a. m. 29.92 p. m.

River gage, 7.6 ft

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 12 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 62 | 59 | 57 | 55 | 54 | 54 | 58 | 63 | 67 | 73 | 75 | 76 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | RB 4.20 RE 4.50 | | | | | | | |
| Amounts of precipitation | | | | | T | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | |
| Sunrise: Time, Character, | 5.06 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | SE | S | S | S | SE | SE | S | S | SW | SW | SW | SW |
| Wind movement | 3 | 7 | 7 | 9 | 10 | 9 | 8 | 10 | 15 | 15 | 13 | 15 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 77 | 78 | 75 | 70 | 64 | 63 | 60 | 58 | 55 | 48 | 45 | 45 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | RB 3.45 | | | | | RE 8.35 | | | |
| Amounts of precipitation | | | | T | .11 | .06 | .08 | .11 | .01 | | | |
| Cloudiness and other conditions | | | | | Pt Cloudy | | | | | | | |
| Sunset: Time, Character, | | | | | | | | | 6.17 Cloudy | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 0.1 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | SW | SW | SW | NW | W | SW | SW | SW | NE | NE | NE | NE |
| Wind movement | 17 | 17 | 12 | 10 | 13 | 5 | 16 | 8 | 7 | 15 | 15 | 14 |

Maximum velocities (exceeding 29 miles) direction and time

| Maximum | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 78 | 45 | 62 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .25 ins.

Total precipitation, midnight to midnight, .37 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 7.2

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 55

Prevailing direction SW

Total movement, 270

Average hourly velocity, 11.2

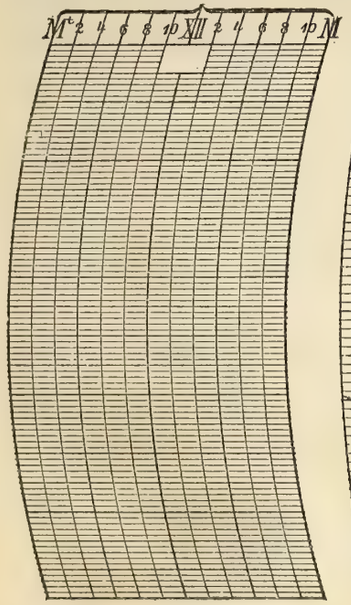
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 26 Ex 27 | W | 4.05 p.m. |

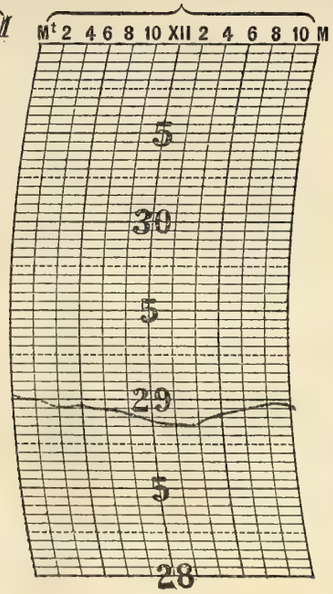
Relative humidity, 77 a. m. 100 p. m.

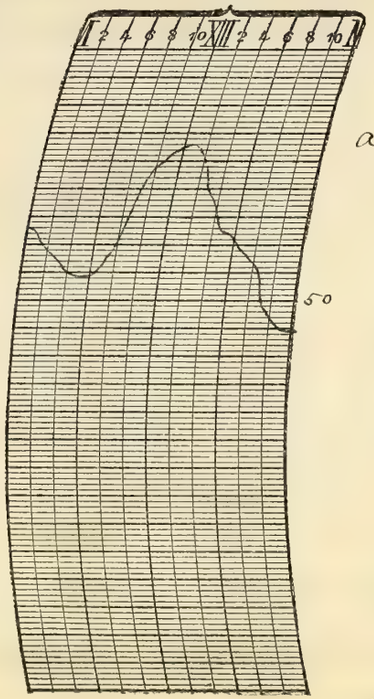
Reduced barometer, 29.89 a. m. 29.85 p. m.

River gage, 6.7 ft

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |






NOTES.

a thunderstorm of light intensity occurred at 5.00 a.m. and from 4.00 p.m. to 8.00 p.m.

Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 13 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 44 | 44 | 43 | 43 | 43 | 43 | 44 | 44 | 45 | 49 | 49 | 50 | 50 | 49 | 50 | 49 | 48 | 47 | 46 | 45 | 44 | 44 | 42 | 43 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | RB 11.30 RE 11.50 | | | | | | | | | | RB 9.10 RE 9.40 | | |
| Amounts of precipitation | | | | | | | | | | | | T | | | | | | | | | | T | | |
| Cloudiness and other conditions | | | | | | | — Cloudy — | | | | | | — Cloudy — | | | | | | | | | | | |
| Sunrise: Time, 5.05 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.18 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0.2 | 0.1 | 0 | 0.3 | 0 | 0 | 0.7 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | NE | E | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | E | E |
| Wind movement | 17 | 13 | 13 | 12 | 13 | 13 | 13 | 15 | 14 | 16 | 16 | 14 | 16 | 18 | 18 | 18 | 15 | 13 | 13 | 16 | 15 | 13 | 13 | 10 |
| Maximum velocities (exceeding ~~20~~ 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts. | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

1 hours slower than 75th meridian time.

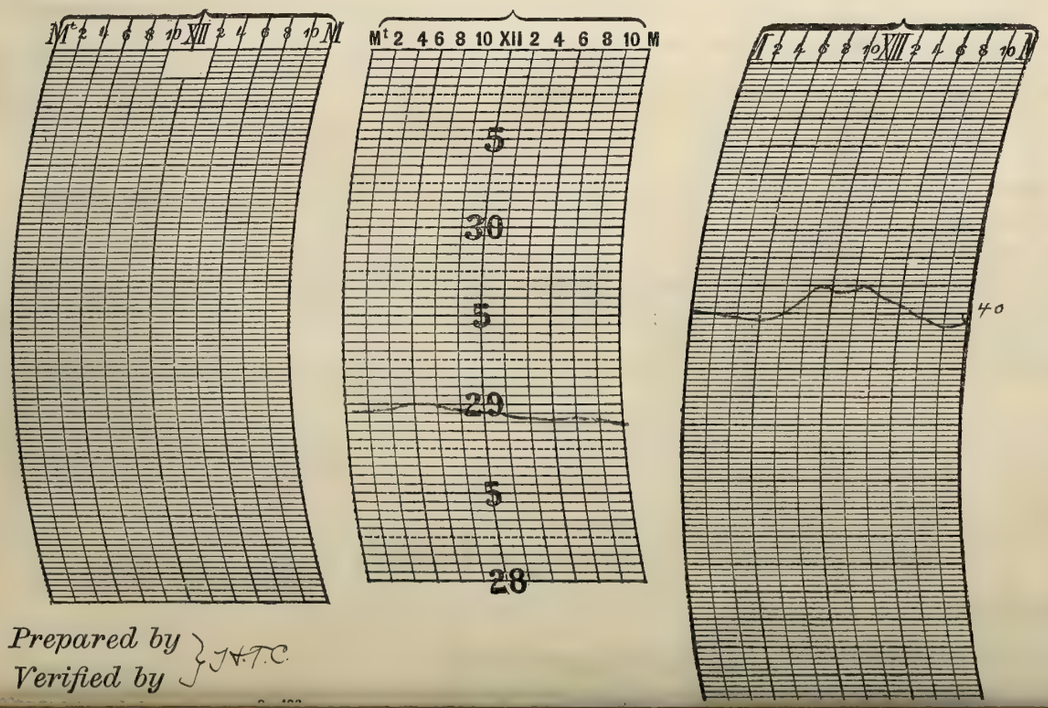
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 50 | 42 | 46 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .12 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 9
Actual sunshine, hours, 1.4
Possible sunshine, hours, 13.2
Percentage of possible sunshine, 11
Prevailing direction NE
Total movement, 347
Average hourly velocity, 14.5

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 22 Ex 22 | NE | 1.25 p.m. |

Relative humidity, 93 a. m. 96 p. m.
Reduced barometer, 29.92 a. m. 29.85 p. m.
River gage, 6.7 ft.

NOTES.




Prepared by } J.H.T.C.
Verified by }

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 14 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 43 | 43 | 44 | 45 | 46 | 47 | 57 | 62 | 63 | 66 | 70 | 72 | 73 | 69 | 74 | 74 | 73 | 71 | 68 | 67 | 65 | 64 | 62 | 61 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | RB 1.55 | RB 2.15 HE 2.17 RE 2.20 | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | .01 | 02 | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — Cloudy | | | | → | + | Pt Cloudy | | | | | | | | | | |
| Sunrise: Time, 5.03; Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.19; Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0.9 | 1.0 | 1.0 | 0.6 | 0.1 | 1.0 | 1.0 | 0.8 0.2 | 0.32 0 | | | | | |
| Wind direction | E | E | E | E | E | E | SE | S | S | S | S | S | S | SW | SW | SW | SW | SW | S | S | S | S | S | S |
| Wind movement | 10 | 10 | 9 | 8 | 9 | 6 | 6 | 12 | 14 | 16 | 22 | 22 | 27 | 21 | 13 | 23 | 20 | 16 | 11 | 10 | 9 | 10 | 10 | 11 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | 30 S 11.45 | 34 S 12.45 | 30 S 1.25 | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 74 | 43 | 58 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., Tr ins.; to 7 p. m., 0.3 ins.

Total precipitation, midnight to midnight, 0.3 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 6.9

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 52

Prevailing direction S

Total movement, 325

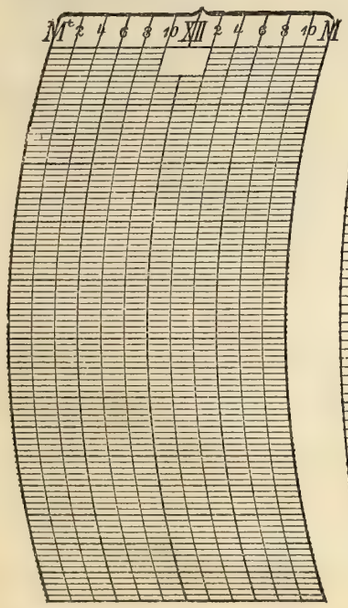
Average hourly velocity, 13.5

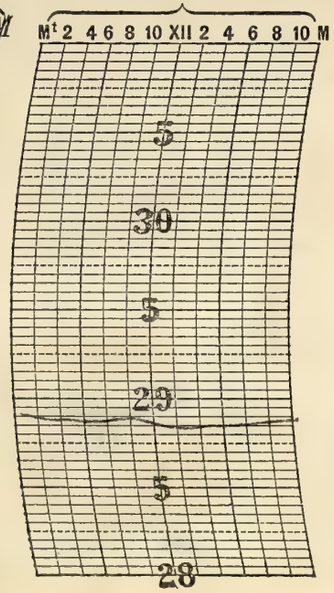
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 34 ~~31~~ Ex 35 | S | 12.45 p.m. |

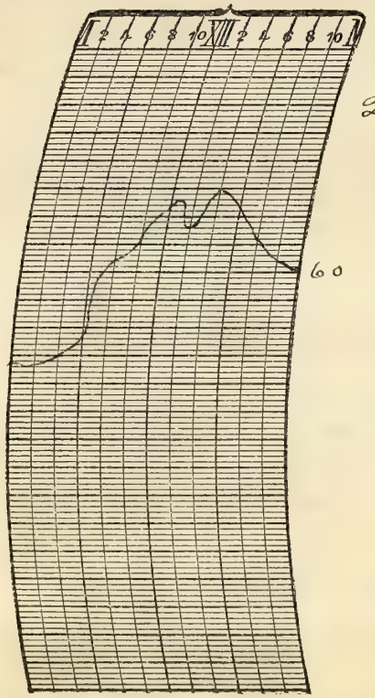
Relative humidity, 77 a. m. 81 p. m.

Reduced barometer, 29.76 a. m. 29.74 p. m.

River gage, 6.2 ft




NOTES.

A light thunderstorm occurred at 2.00 pm. accompanied by some hail.

Prepared by } J.H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR ~~16~~ 15 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 61 | 59 | 58 | 56 | 55 | 57 | 62 | 67 | 69 | 72 | 73 | 75 | 77 | 77 | 73 | 70 | 67 | 63 | 60 | 57 | 56 | 54 | 52 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, 5.08 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.20 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | 97 0 | 1.0 0 | 0.1 0.9 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 0 | 33 0 | | | | | |
| Wind direction | S | S | S | S | S | S | S | SW | S | SW | SW | S | S | SW | SW | SW | SW | W | W | W | W | W | W | W |
| Wind movement | 13 | 12 | 10 | 9 | 10 | 11 | 10 | 9 | 12 | 16 | 19 | 21 | 26 | 29 | 27 | 26 | 22 | 16 | 12 | 9 | 6 | 5 | 4 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | 30 S 12.15 | 38 SW 1.40 | 33 SW 2.22 | 31 SW 3.17 | 30 SW 4.12 | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 77 | 52 | 64 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 13.2

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 99

Prevailing direction S

Total movement, 339

Average hourly velocity, 14.1

Maximum velocity, 38 Direction, SW Time, 1.40 p.m.

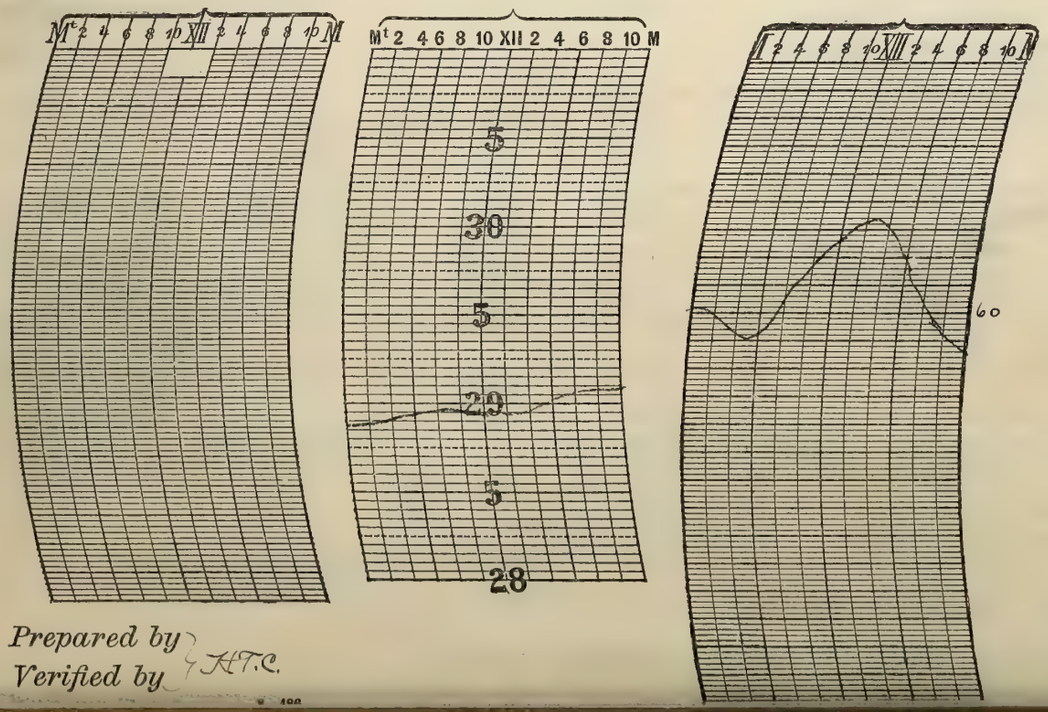
Ex 39

Relative humidity, 83 a. m. 79 p. m.

Reduced barometer, 29.90 a. m. 29.92 p. m.

River gage, 6.2 ft

NOTES.




Prepared by

Verified by H.T.C.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR ~~17~~ 16 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
| Temperature at end of hour | 51 | 49 | 47 | 46 | 46 | 44 | 47 | 49 | 50 | 52 | 54 | 58 | 59 | 60 | 60 | 61 | 58 | 56 | 54 | 53 | 51 | 49 | 47 | 47 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — Clear | | | | | → Pt Cloudy — | | | | | | | | | | | |
| | Sunrise: Time, 5.00; Character, Clear | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.21; Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 1.0 / 0 | 0.4 / 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | SW | NW | NW | NW | SW | SW | W | NW | NW | NW | NW | NW | NW | NW | N | NW | N | N | N | N | N | N | NE | NE |
| Wind movement | 4 | 8 | 7 | 5 | 3 | 2 | 4 | 6 | 5 | 5 | 4 | 7 | 6 | 5 | 5 | 9 | 8 | 10 | 8 | 8 | 8 | 12 | 17 | 17 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 61 | 44 | 52 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 4.8

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 73

Prevailing direction NW

Total movement, 173

Average hourly velocity, 7.2

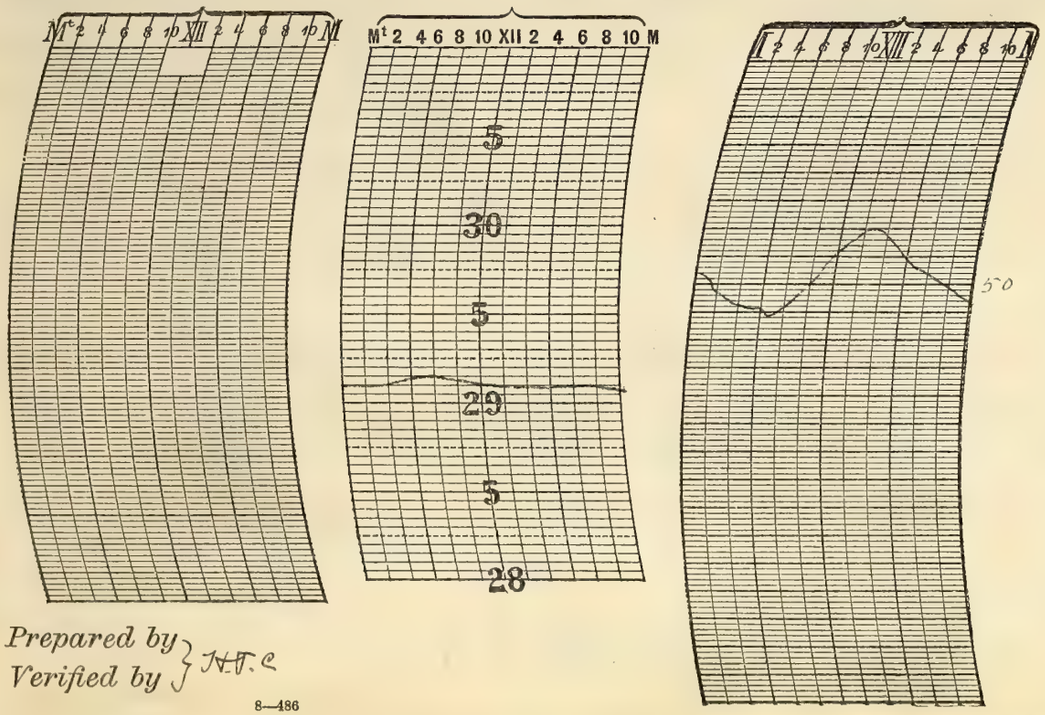
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 Ex 20 | NE | 11.05 p. m. |

Relative humidity, 69 a. m. 88 p. m.

Reduced barometer, 30.07 a. m. 30.02 p. m.

River gage, 5.7 ft

NOTES.




Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 17 1912, 191

Time (local standard) 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 47 | 44 | 41 | 39 | 37 | 36 | 36 | 36 | 36 | 36 | 37 | 37 |
| Nature of precipitation and time of beginning and ending | | | | | RB DN RE DN | | | RB 7.05 RE 7.20 | RB 8.10 | RE 9.20 | | |
| Amounts of precipitation | | | | | T | | | T | .02 | T | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | |
| Sunrise: Time, 4.58 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 17 | 20 | 17 | 17 | 17 | 20 | 24 | 23 | 20 | 20 | 19 | 20 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | 30 NE 6.20 | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 37 | 37 | 37 | 35 | 36 | 36 | 38 | 38 | 38 | 38 | 38 | 38 |
| Nature of precipitation and time of beginning and ending | | RB 1.20 | | | RE 4.20 | | | | | | RB DN | |
| Amounts of precipitation | | .01 | .23 | .08 | T | | | | | | T | .02 |
| Cloudiness and other conditions | | Cloudy | | | | | | | | | | |
| Sunset: Time, 6.23 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | E | E | E | E |
| Wind movement | 23 | 20 | 15 | 19 | 19 | 19 | 19 | 16 | 10 | 12 | 9 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | 32 NE 1.33 | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts. | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 47 | 35 | 41 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .34 ins.

Total precipitation, midnight to midnight, .36 inches.

Character of day, Cloudy Moon phase, New Moon

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 420

Average hourly velocity, 17.5

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 32 | NE | 1.33 p.m. |

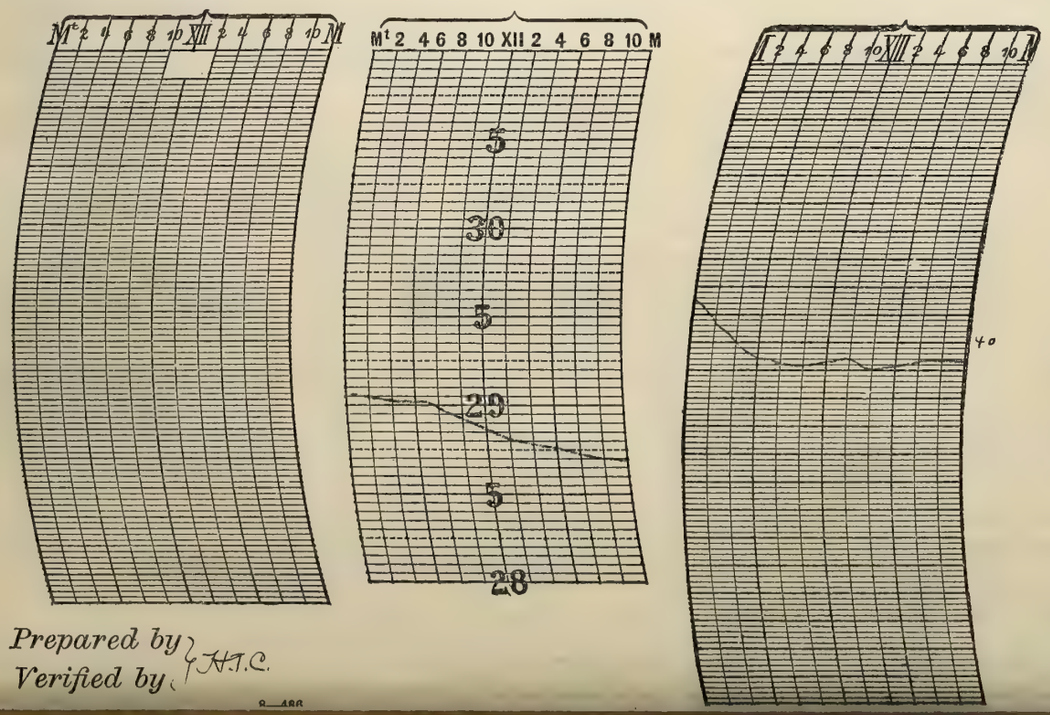
Ex # 34

Relative humidity, 89 a. m. 93 p. m.

Reduced barometer, 29.95 a. m. 29.68 p. m.

River gage, 5.4 ft.

NOTES.




Prepared by
Verified by } H.T.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 18 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 39 | 41 | 39 | 38 | 38 | 38 | 36 | 35 | 36 | 37 | 37 | 38 |
| State of weather: Nature of precipitation and time of beginning and ending | | RE DN | | | | | RB 6.10 | | RE 8.45 SB 8.45 | | SE 10.35 RB 10.35 | |
| Amounts of precipitation | T | .01 | | | | | T | .02 | .03 | .01 | .02 | .01 |
| Cloudiness and other conditions | | | | | | | — Cloudy — | | | | | |
| Sunrise: Time, 4.57 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | E | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 3 | 8 | 23 | 20 | 19 | 18 | 18 | 19 | 19 | 19 | 20 | 19 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 37 | 37 | 37 | 37 | 37 | 36 | 36 | 35 | 35 | 35 | 33 | 32 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | RE 4.10 | | | | | | | |
| Amounts of precipitation | T | T | T | T | T | | | | | | | |
| Cloudiness and other conditions | | | | — Cloudy — | | | | | | | | |
| Sunset: Time, 6.23 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | W | W | W | W | W | W | W | W |
| Wind movement | 21 | 19 | 18 | 18 | 16 | 17 | 17 | 14 | 15 | 12 | 11 | 10 |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 41 | 32 | 36 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., .09 ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 393

Average hourly velocity, 16.4

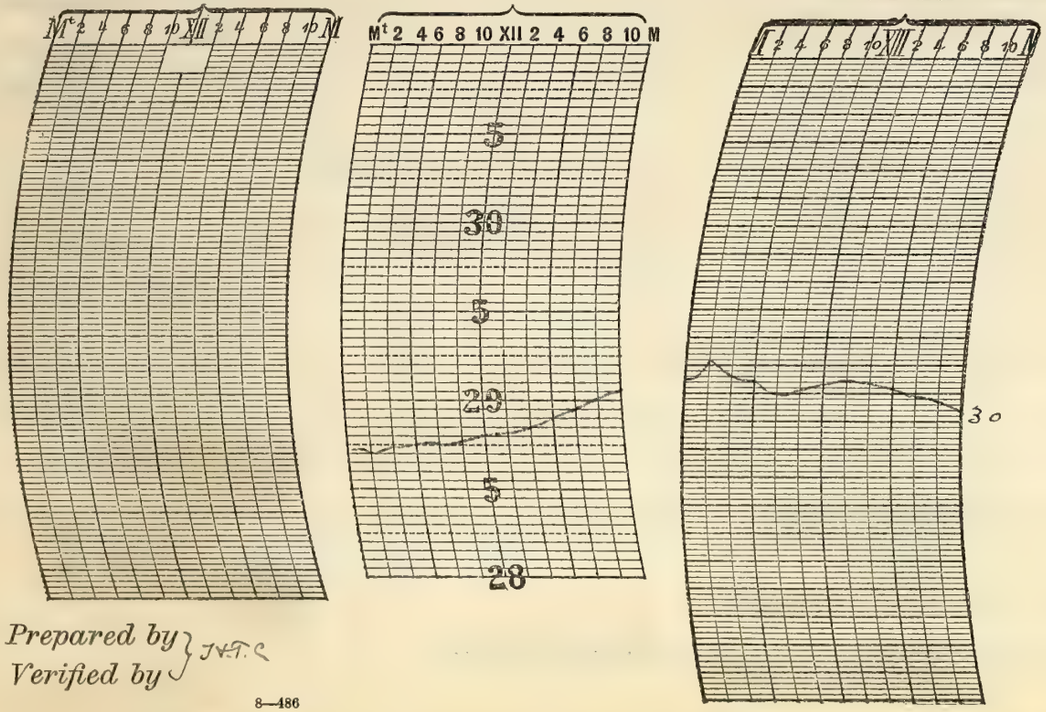
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 28 Ex 28 | 215 | a.m. |

Relative humidity, 95 a. m. 81 p. m.

Reduced barometer, 29.69 a. m. 29.89 p. m.

River gage, 5.7 ft.

NOTES.




T Snow melted as it fell

Prepared by } J.H.T.C
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 19 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 31 | 31 | 31 | 31 | 30 | 30 | 34 | 36 | 39 | 42 | 45 | 48 | 49 | 51 | 52 | 51 | 51 | 50 | 49 | 48 | 47 | 44 | 43 | 43 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | | | Pt Cloudy | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | .07 0 | 1.0 0 | 0.1 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | 0 | 0 | 0 | | | | | |
| Wind direction | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | NW | NW | NW | NE | NE | NE | E |
| Wind movement | 10 | 10 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 12 | 9 | 10 | 10 | 10 | 8 | 8 | 6 | 4 | 2 | 4 | 6 | 6 | 3 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 4.56 Character, Clear

Sunset: Time, 6.24 Character, Cloudy

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 52 | 30 | 41 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear & Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 10.7

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 79

Prevailing direction W

Total movement, 177

Average hourly velocity, 7.4

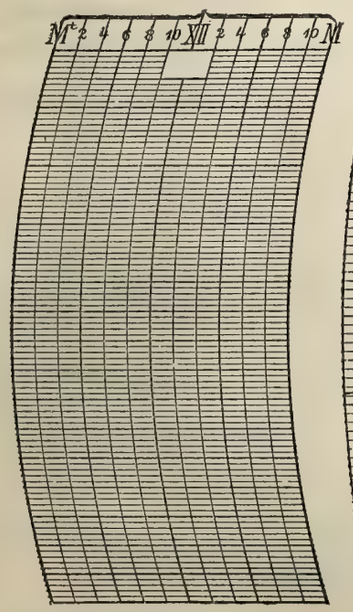
Maximum velocity, 14 Direction, SW Time, 10.30 a.m.

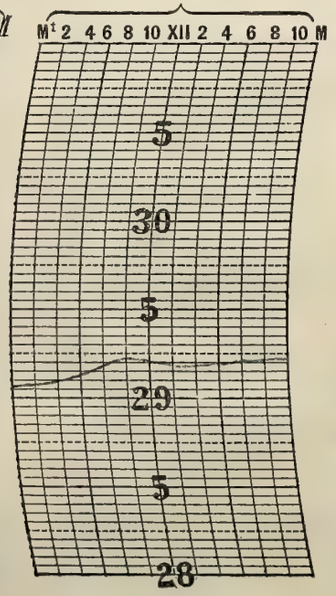
Ex 14

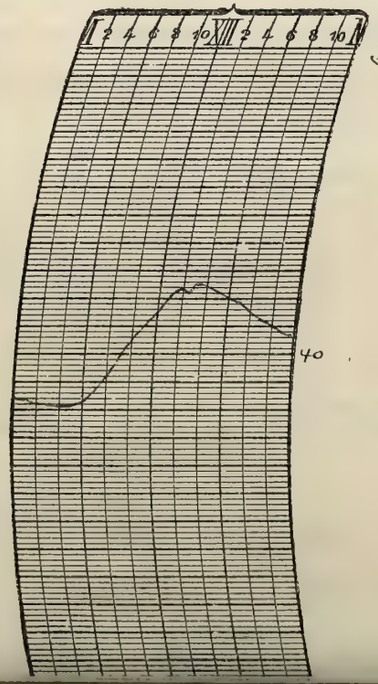
Relative humidity, 67 a. m. 71 p. m.

Reduced barometer, 30.10 a. m. 30.12 p. m.

River gage, 6.7 ft






NOTES.

~~Heavy~~ Killing frost occurred during the early morning.

Prepared by
Verified by } H.T.C

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 20 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 43 | 43 | 42 | 42 | 40 | 41 | 41 | 41 | 43 | 46 | 52 | 53 | 58 | 57 | 57 | 60 | 59 | 58 | 56 | 56 | 53 | 51 | 50 | 48 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | RB DN RE DN | | | RB 7.05 RE 7.35 | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | T | | | T | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | Pt Cloudy | | | | | | | | | | |
| Sunrise: Time, 5.54 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.26 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | 1.0 | 1.0 | 0.6 | 0.2 | 0.8 | 0.1 | 0 | 0 | | | | | |
| Wind direction | E | E | E | E | NE | NE | E | E | E | NE | E | E | SE | SE | SE | SE | SE | SE | SE | E | E | E | E | E |
| Wind movement | 2 | 4 | 2 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 6 | 6 | 5 | 4 | 6 | 5 | 2 | 4 | 4 | 6 | 7 | 8 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 60 | 40 | 50 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 4.2

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 31

Prevailing direction E

Total movement, 114

Average hourly velocity, 4.8

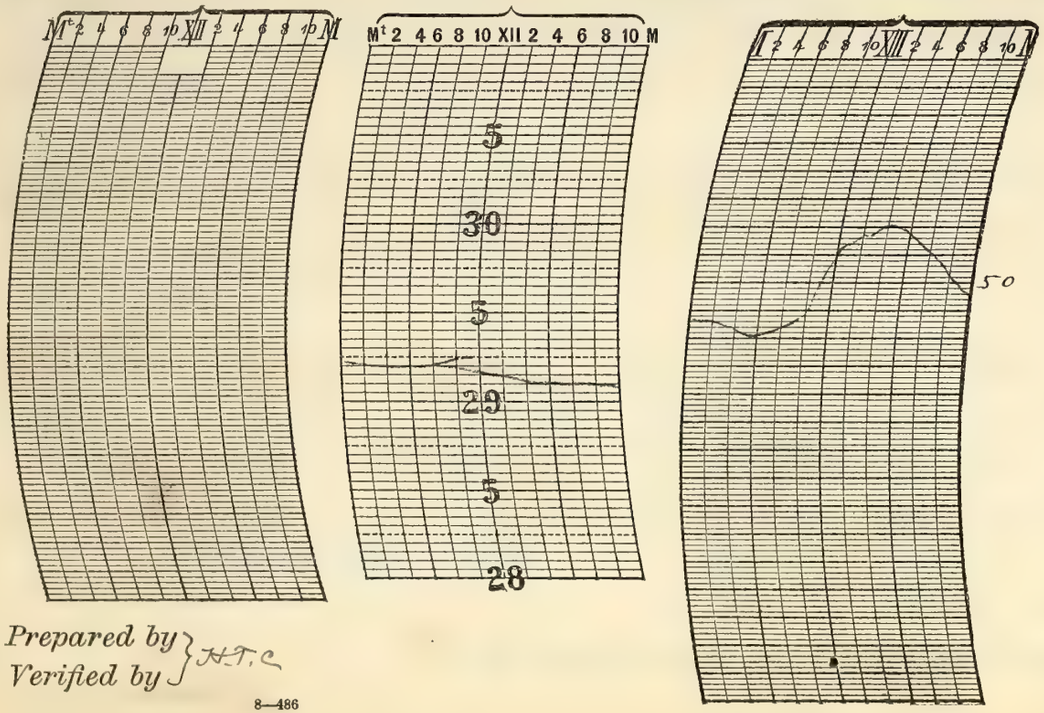
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 9 Ex 9 | E | 8.30 p.m. |

Relative humidity, 69 a. m. 64 p. m.

Reduced barometer, 30.11 a. m. 30.02 p. m.

River gage, 6.8 ft.

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 21 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 47 | 46 | 44 | 43 | 41 | 44 | 49 | 54 | 56 | 58 | 60 | 64 | 65 | 67 | 68 | 67 | 66 | 63 | 61 | 62 | 61 | 59 | 60 | 59 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | RB 9.05 | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | .14 | .04 | .19 |
| Cloudiness and other conditions | | | | | | | | — Clear — | | | | | | | — P.Cloudy — | | | | | | | | | |
| | Sunrise: Time, 4.53; Character, Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.27; Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 1.0 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0.2 | 0 | 0 | | | | | |
| Wind direction | E | E | E | E | E | E | SE | SE | SE | SE | SE | SE | SE | SE | S | S | S | S | S | S | SE | S | S | SW |
| Wind movement | 7 | 7 | 7 | 5 | 6 | 5 | 6 | 8 | 11 | 11 | 14 | 15 | 19 | 20 | 22 | 21 | 22 | 21 | 12 | 8 | 10 | 15 | 7 | 14 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | 30 S 4.55 | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 68 | 41 | 54 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .37 inches.

Character of day, P.Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 8.6

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 63

Prevailing direction SE

Total movement, 293

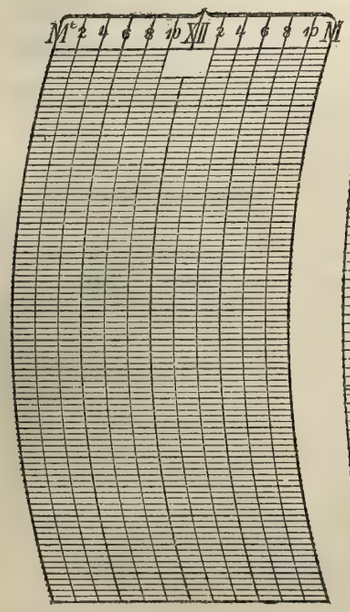
Average hourly velocity, 12.2

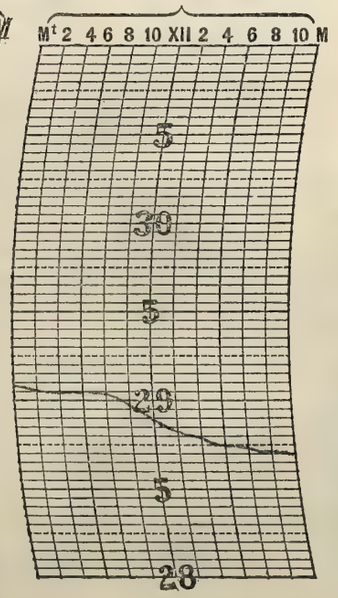
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 30 Ex 32 | S | 4.55 p.m. |

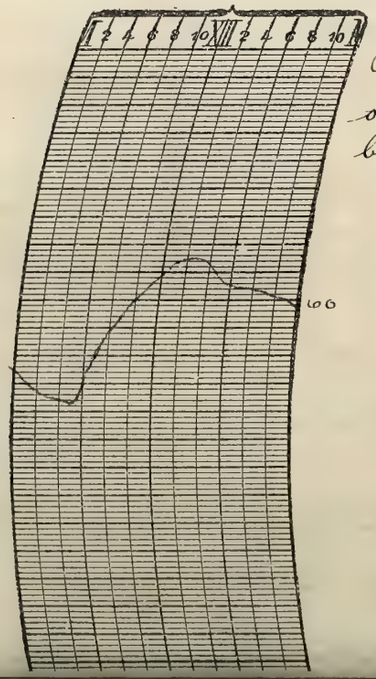
Relative humidity, 75 a. m. 79 p. m.

Reduced barometer, 29.58 a. m. 29.94 p. m.

River gage, 6.5 ft







NOTES.

A thunderstorm of moderate intensity occurred from 8.00 p.m. till 11.00 p.m. began at 8.00 p.m.

Prepared by J.H.C.

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 22 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 56 | 58 | 60 | 58 | 56 | 52 | 53 | 52 | 53 | 53 | 54 | 49 |
| | | R.E. D.N. | | | | | | | | | RB 10.55 | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | .09 | .01 | | | | | | | | | T | T |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | |
| Sunrise: Time, 4.51; Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | .15 0 | 0.6 0.4 | 1.0 | 0.2 | 0.2 | 0.1 | 0.4 | 0 |
| Wind direction | SW | S | S | SW | SW | SW | SW | SW | SW | SW | SW | W |
| Wind movement | 16 | 10 | 11 | 11 | 12 | 15 | 18 | 18 | 17 | 18 | 17 | 16 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 45 | 42 | 42 | 41 | 40 | 42 | 42 | 43 | 43 | 41 | 40 | 38 |
| | | | RE 2.20 | | | | | | | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | .01 | .01 | T | | | | | | | | | |
| Cloudiness and other conditions | | | | | Cloudy | | | | | | | |
| Sunset: Time, 6.28; Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | W | W | W | W | NW | W | W | W | W | W | W | NW |
| Wind movement | 19 | 21 | 23 | 23 | 22 | 20 | 19 | 17 | 13 | 11 | 11 | 12 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 60 | 38 | 49 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .47 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .12 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 3.1

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 23

Prevailing direction W

Total movement, 390

Average hourly velocity, 16.2

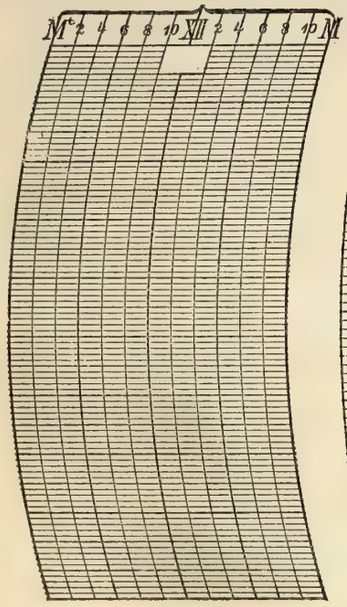
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 28 Ex 32 | W | 3.22 p.m. |

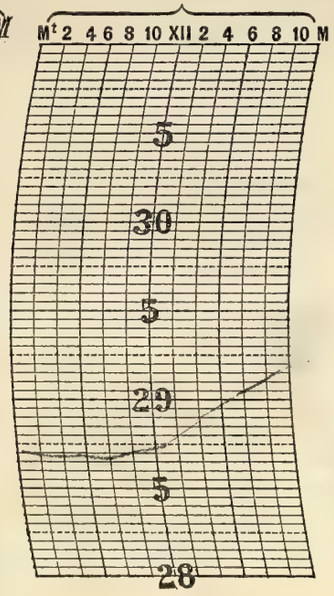
Relative humidity, 75 a. m. 79 p. m.

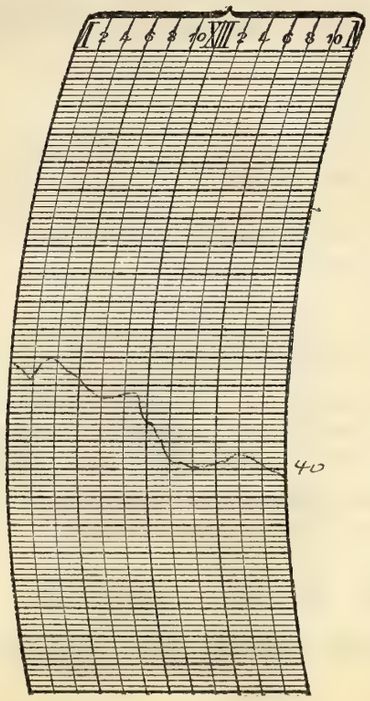
Reduced barometer, 29.58 a. m. 29.94 p. m.

River gage, 6.1 ft.

NOTES.






Prepared by
Verified by } J.H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 23 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 36 | 35 | 34 | 35 | 35 | 33 | 38 | 40 | 45 | 48 | 51 | 54 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | |
| Sunshine (in tenths of hours) | | | | | 17 0 | 0.8 02 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | NW | NW | NW | NW | NW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 8 | 7 | 5 | 4 | 3 | 6 | 7 | 9 | 11 | 12 | 12 | 14 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

Sunrise: Time, 4.50 Character, Clear

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 55 | 57 | 58 | 60 | 60 | 59 | 55 | 54 | 53 | 52 | 51 | 50 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Clear | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 06 | .48 0 | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 14 | 14 | 16 | 15 | 14 | 12 | 10 | 9 | 11 | 12 | 13 | 14 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

Sunset: Time, 6.29 Character, Clear

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

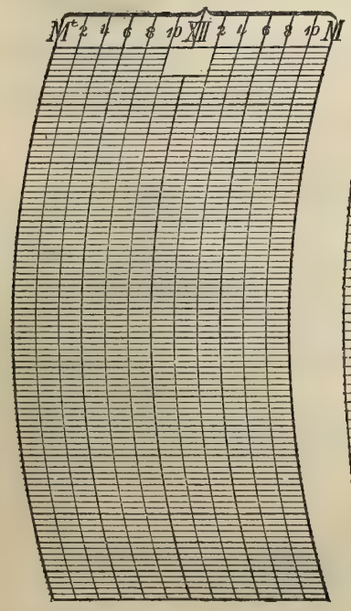
1 hours slower than 75th meridian time.

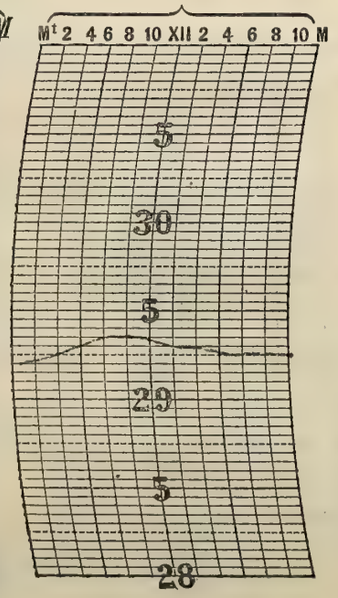
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 60 | 33 | 46 | |

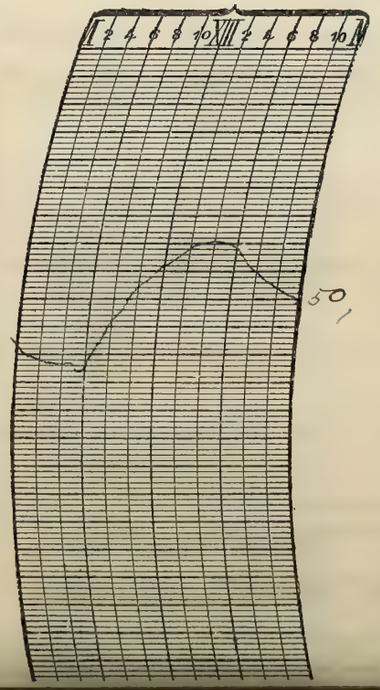
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 13.6
Possible sunshine, hours, 13.6
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 252
Average hourly velocity, 10.5

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 21 Ex 21 | SW | 2.02 p.m. |

Relative humidity, 62 a. m. 49 p. m.
Reduced barometer, 30.25 a. m. 30.16 p. m.
River gage, 5.6 ft




NOTES.

Killing Frost occurred during the early morning

Prepared by J.H.T.G.
Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 24 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 50 | 49 | 48 | 47 | 48 | 49 | 51 | 53 | 55 | 57 | 59 | 60 | 58 | 57 | 58 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 47 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | RB 6.25 RE 6.35 | RB 7.15 RE 7.30 | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | T | T | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | | | | Clear | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0.4 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 (0.2) | 0 (.50) | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | W | W | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 13 | 15 | 14 | 16 | 16 | 15 | 15 | 17 | 18 | 17 | 19 | 20 | 20 | 19 | 18 | 18 | 16 | 12 | 6 | 4 | 3 | 1 | 3 | 2 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 4.48; Character, Cloudy

Sunset: Time, 6.30; Character, Clear

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 60 | 47 | 54 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase, First Quarter

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 10.8

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 79

Prevailing direction SW

Total movement, 317

Average hourly velocity, 13.4

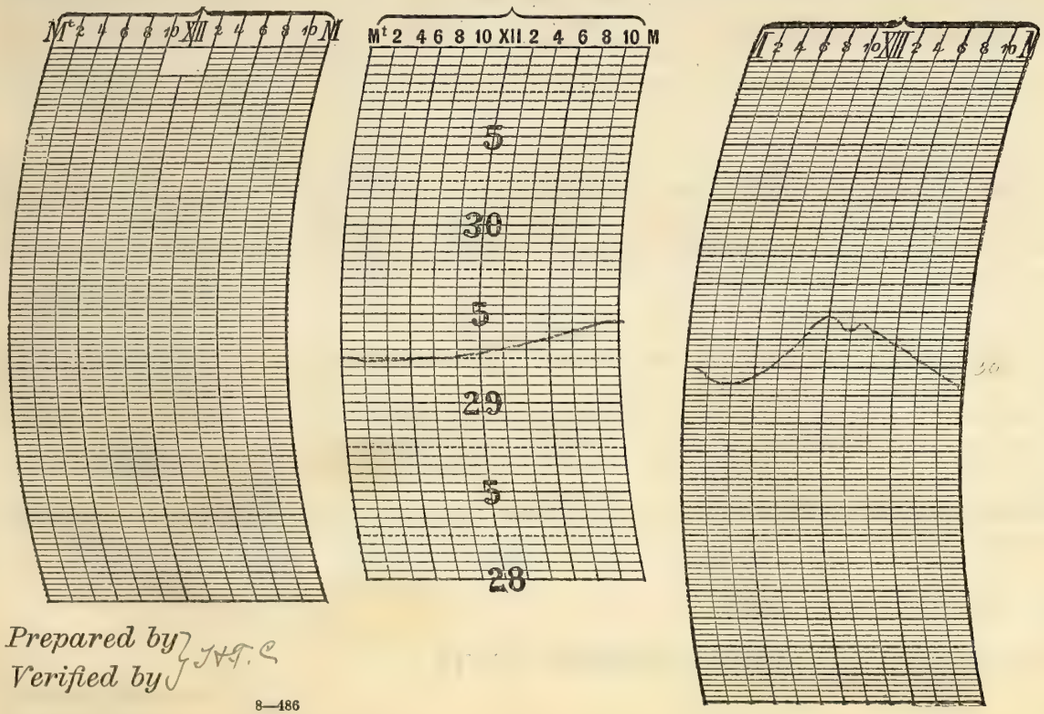
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 26 Ex 26 | W | 1.02 p.m. |

Relative humidity, 69 a. m. 48 p. m.

Reduced barometer, 30.16 a. m. 30.29 p. m.

River gage, 5.0 ft.

NOTES.




Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 25 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 47 | 46 | 45 | 44 | 39 | 41 | 48 | 49 | 53 | 56 | 58 | 60 | 63 | 65 | 66 | 67 | 66 | 64 | 62 | 62 | 61 | 60 | 60 | 60 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | | Clear | | — | | — | x | P.+ | | Cloudy | | — | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 4.47 Character, Clear | | | | 0 | 0 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 0 | 0 | 0 | 0 | Sunset: Time, 6.31 Character, Cloudy | | | |
| Wind direction | NW | NE | NE | NE | NE | NE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | E | SE | SE | SE |
| Wind movement | 2 | 3 | 3 | 3 | 4 | 4 | 6 | 8 | 10 | 10 | 11 | 11 | 12 | 13 | 13 | 12 | 10 | 10 | 8 | 8 | 9 | 11 | 15 | 12 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 67 | 39 | 53 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 10.6

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 77

Prevailing direction SE

Total movement, 208

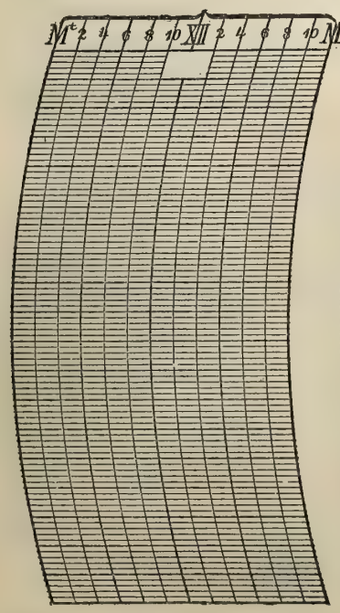
Average hourly velocity, 8.7

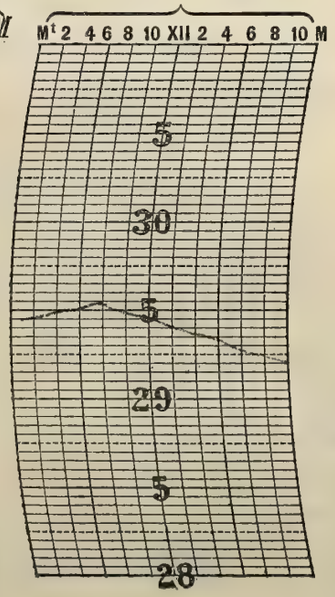
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 Ex 16 | E | 10.02 p.m. |

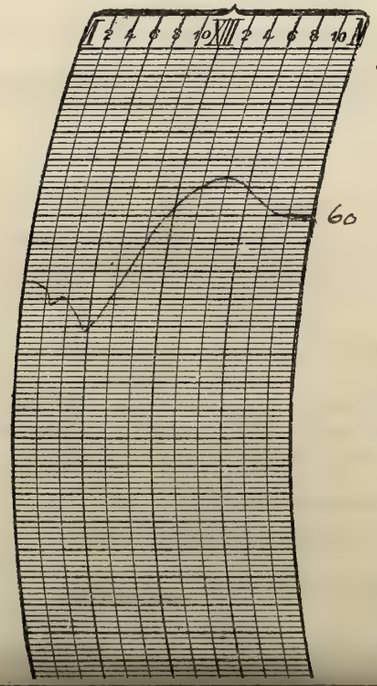
Relative humidity, 67 a. m. 53 p. m.

Reduced barometer, 30.44 a. m. 30.22 p. m.

River gage, 4.7 ft.






NOTES.

Heavy Frost occurred during the early morning.

Prepared by
Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 26 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 58 | 56 | 57 | 57 | 57 | 55 | 55 | 56 | 60 | 62 | 64 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | RB DN | | | | RE 7.50 | | | | |
| Amounts of precipitation | | | | T | .01 | T | .04 | .04 | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | |
| Sunrise: Time, 4.45 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0.5 | 0.9 | 1.0 | 0.6 |
| Wind direction | S | S | S | S | S | SE | S | S | S | S | S | SW |
| Wind movement | 15 | 10 | 12 | 18 | 17 | 17 | 21 | 27 | 31 | 34 | 35 | 29 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | 32 S 7.55 | 39 S 8.50 | 38 S 10.30 | 42 S 10.02 | 38 SW 11.55 |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 63 | 63 | 64 | 63 | 64 | 63 | 61 | 60 | 59 | 58 | 60 | 58 |
| State of weather: Nature of precipitation and time of beginning and ending | RB 12.40 RE 12.55 | | | | | | | | | | | |
| Amounts of precipitation | T | | | | | | | | | | | |
| Cloudiness and other conditions | | | | Cloudy | | | | | | | | |
| Sunset: Time, 6.32 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0.4 | 1.0 | 0.5 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | S | S | S | S | SW | SW | SW | SW | SW | SW | W | W |
| Wind movement | 31 | 30 | 26 | 23 | 23 | 18 | 16 | 15 | 15 | 15 | 14 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | 36 S 12.35 | 35 S 1.40 | 31 S 2.05 | 30 S 3.15 | | | | | | | | |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 64 | 55 | 60 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .09 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 4.9

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 36

Prevailing direction S

Total movement, 501

Average hourly velocity, 20.9

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 42 Ex 48 | S | 10.02 a.m. |

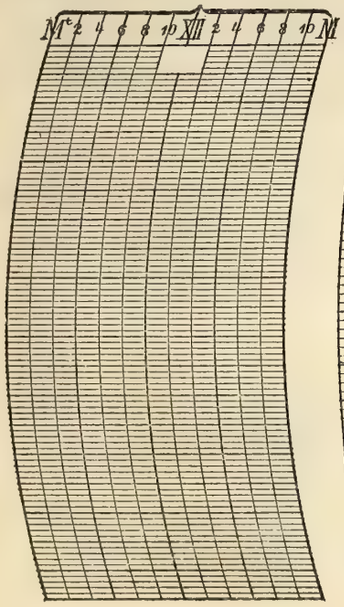
Relative humidity, 97 a. m. 84 p. m.

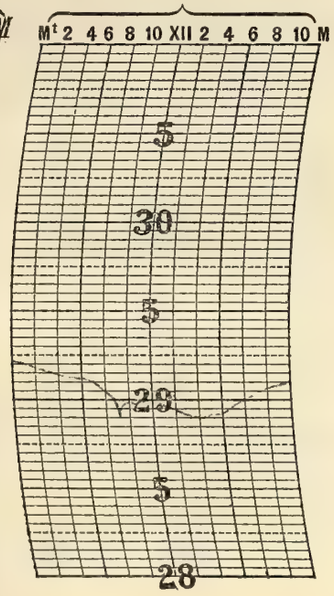
Reduced barometer, 30.01 a. m. 29.87 p. m.

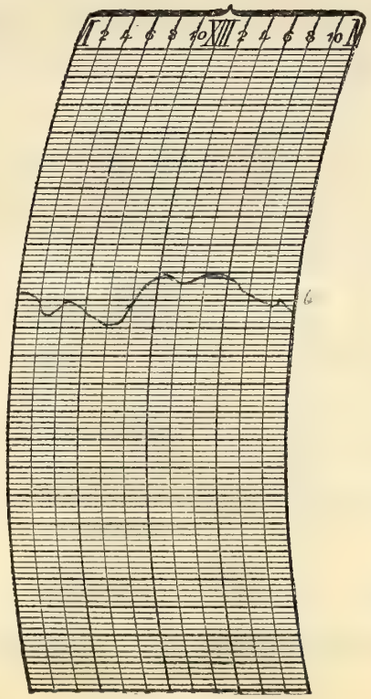
River gage, 4.5 ft.

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

NOTES.




Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 27 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 55 | 53 | 50 | 48 | 46 | 44 | 46 | 47 | 47 | 48 | 49 | 53 | 55 | 57 | 57 | 58 | 56 | 54 | 51 | 49 | 47 | 45 | 44 | 42 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | | | Clear | | | | | | | | | |
| Sunrise: Time, 444 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.33 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | .27 0 | 1.0 0 | 0.2 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.1 0.9 | .55 0 | | | | | |
| Wind direction | W | W | W | W | W | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | N | NE | NE |
| Wind movement | 11 | 10 | 10 | 8 | 10 | 10 | 13 | 14 | 16 | 12 | 12 | 12 | 12 | 13 | 13 | 13 | 12 | 10 | 7 | 6 | 6 | 6 | 7 | 10 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 58 | 42 | 50 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 13.8

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 100

Prevailing direction NW

Total movement, 253

Average hourly velocity, 10.5

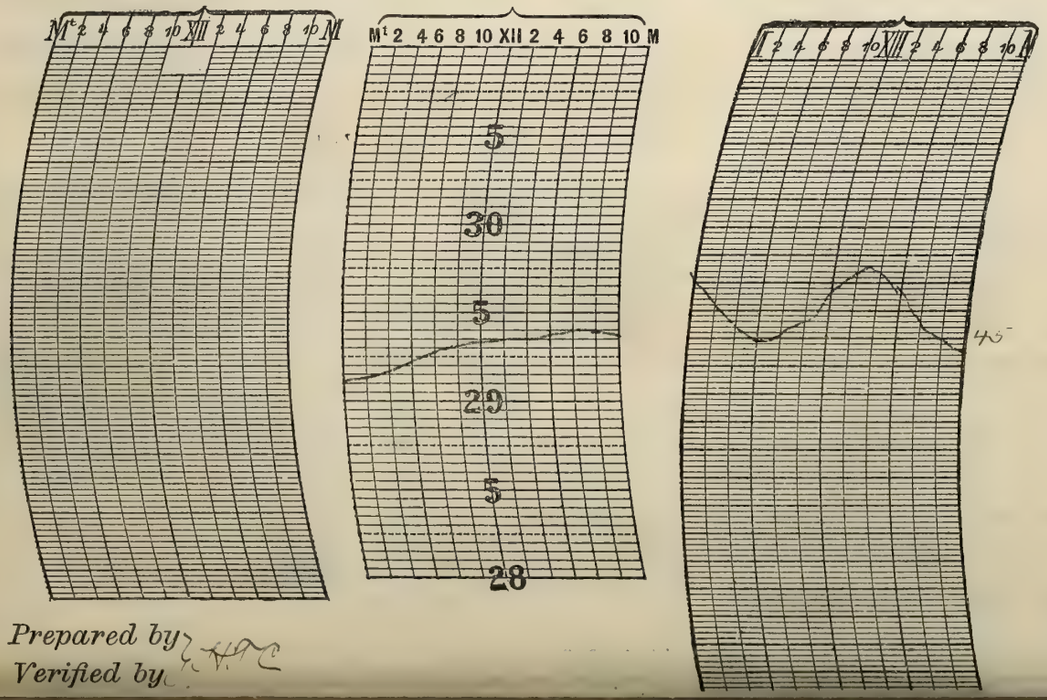
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 Ex 17 | NW | 11.20 AM. |

Relative humidity, 75 a. m. 48 p. m.

Reduced barometer, 30.20 a. m. 30.31 p. m.

River gage, 4.3 ft.

NOTES.




Prepared by

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 28 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 42 | 41 | 40 | 39 | 39 | 38 | 44 | 44 | 44 | 46 | 46 | 46 RB 4.00 | 42 | 43 | 42 | 42 RE 3.35 | 42 | 44 | 44 | 42 | 42 | 42 | 42 | 42 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | T | .06 | .06 | .01 | T | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — | Cloudy | | | — | — | | Cloudy | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | NE | NE | NE | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | NE | NE | NE | NE | NE |
| Wind movement | 9 | 8 | 14 | 13 | 11 | 12 | 15 | 15 | 16 | 12 | 13 | 11 | 11 | 15 | 18 | 15 | 18 | 16 | 14 | 11 | 15 | 13 | 15 | 13 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 4.43; Character, Cloudy

Sunset: Time, 6.34; Character, Cloudy

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 46 | 38 | 42 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .13 ins.

Total precipitation, midnight to midnight, .13 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 0

Prevailing direction E

Total movement, 323

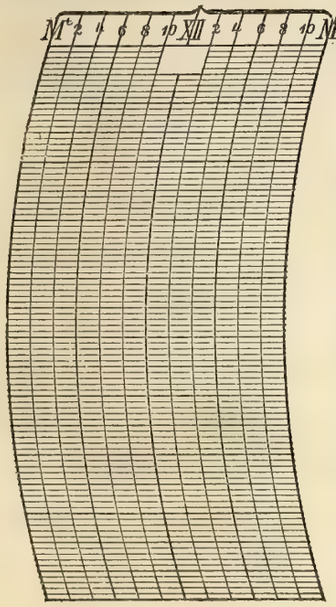
Average hourly velocity, 13.5

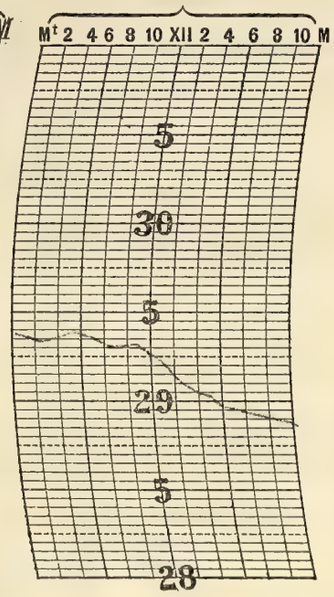
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 22 Ex 26 | NE | 2.25 p.m. |

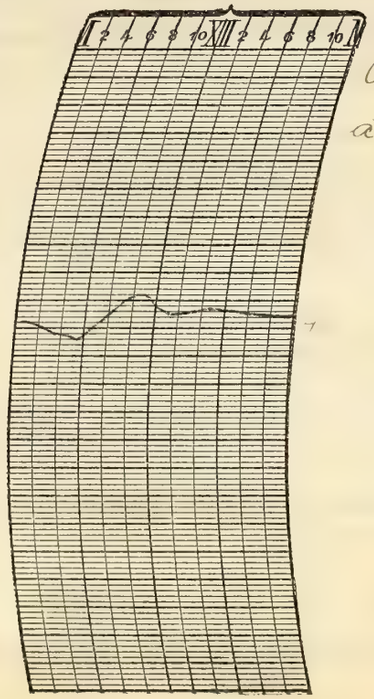
Relative humidity, 75 a. m. 82 p. m.

Reduced barometer, 30.28 a. m. 29.87 p. m.

River gage, 3.9 ft.





NOTES.

A thunderstorm of light intensity occurred at 11.45 a.m.

Prepared by
Verified by J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 29 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 43 | 43 | 45 | 45 | 44 |
| Nature of precipitation and time of beginning and ending | | | RB DN | | | | RE 6.20 | RB 7.10 | | | RE 10.20 | RB 11.25 |
| Amounts of precipitation | | | T | .01 | .01 | .01 | .01 | T | T | T | T | .01 |
| Cloudiness and other conditions | | | | | | | — Cloudy | | | | | |
| Sunrise: Time, Character, | 4.41 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 14 | 12 | 13 | 11 | 9 | 11 | 12 | 13 | 15 | 18 | 21 | 23 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 44 | 44 | 44 | 44 | 44 | 45 | 44 | 44 | 45 | 45 | 45 | 45 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | RE 8.25 | | | |
| Amounts of precipitation | .10 | .10 | .02 | .01 | T | T | .01 | .01 | .01 | | | |
| Cloudiness and other conditions | | | — Cloudy | | | | | | | | | |
| Sunset: Time, Character, | | | | | | | | | 6.35 Cloudy | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | N | N | N | N | N | N |
| Wind movement | 20 | 18 | 21 | 18 | 18 | 18 | 14 | 11 | 9 | 11 | 8 | 9 |

Maximum velocities (exceeding 29 miles) direction and time

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 45 | 42 | 44 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., .25 ins.

Total precipitation, midnight to midnight, .31 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 13.9

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 347

Average hourly velocity, 14.5

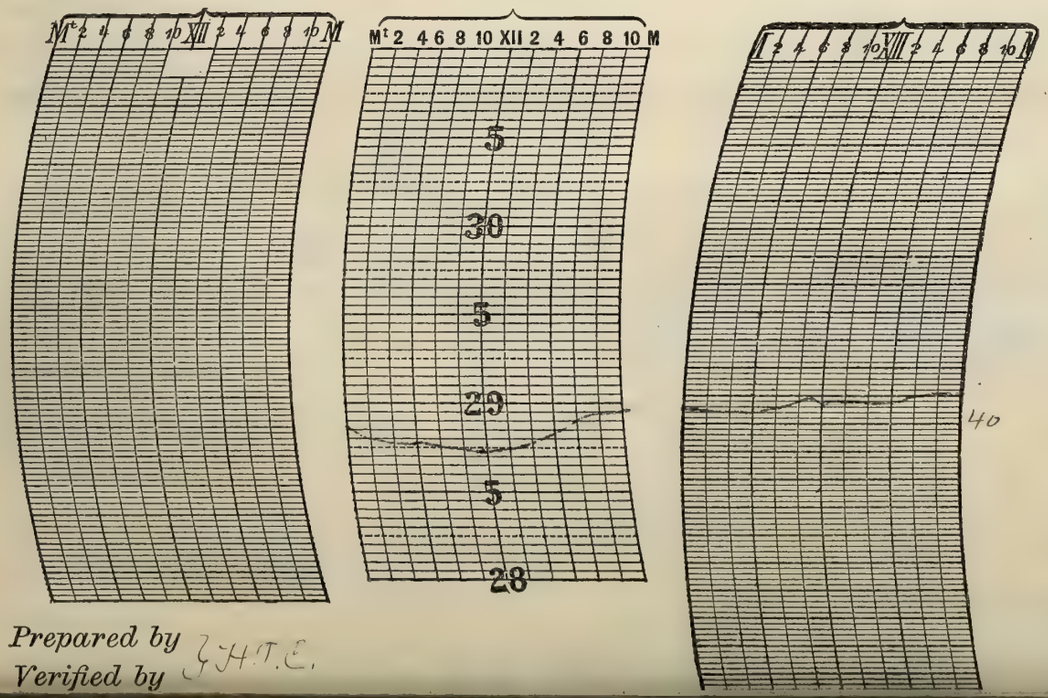
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 27 & 27 | NE | 11.45 a.m |

Relative humidity, 96 a. m. 99 p. m.

Reduced barometer, 29.69 a. m. 29.82 p. m.

River gage, 3.8 ft

NOTES.




Prepared by
Verified by G.H.T.E.

Form No. 1014—Met'l.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 30 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 45 | 43 | 42 | 40 | 40 | 40 | 42 | 44 | 48 | 53 | 54 | 55 | 56 | 58 | 59 | 60 | 60 | 57 | 54 | 51 | 50 | 49 | 47 | 45 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | | Clear | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | .33 0 | 0.8 0.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 0 | 1.0 0 | | | | | |
| Wind direction | N | N | N | N | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | E | E | NE | E | E | E | E | SE | E | E |
| Wind movement | 9 | 9 | 7 | 11 | 11 | 10 | 11 | 12 | 10 | 12 | 12 | 13 | 15 | 13 | 10 | 12 | 11 | 9 | 7 | 6 | 6 | 5 | 4 | 3 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 4.40 Character, Clear

Sunset: Time, 6.36 Character, Clear

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

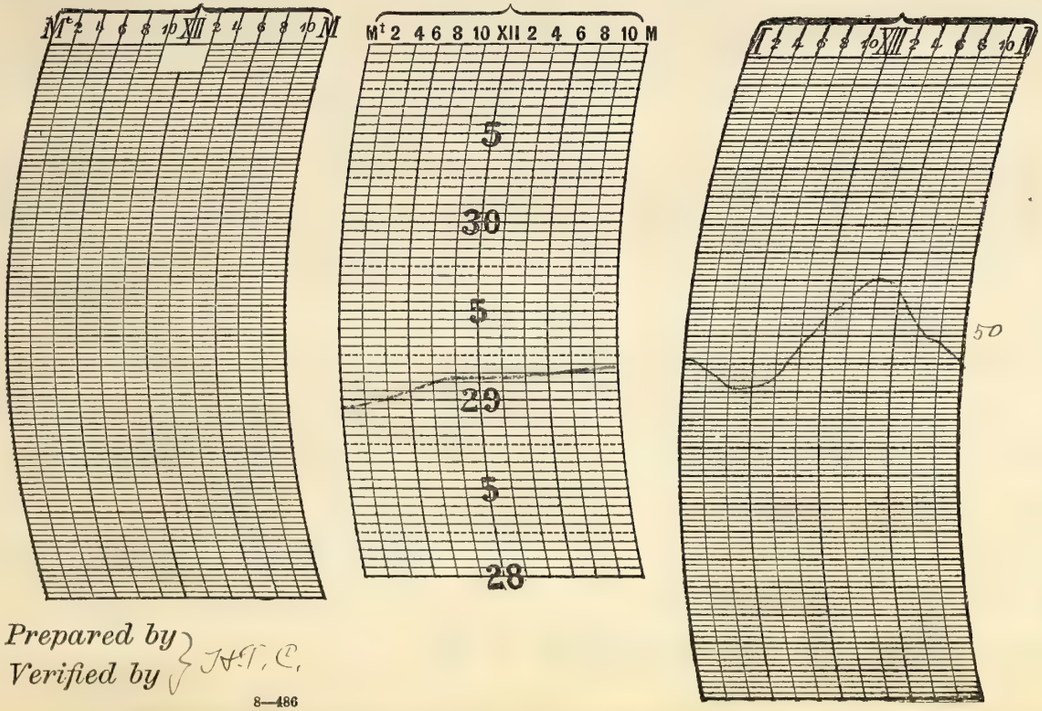
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 60 | 40 | 50 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 6 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 13.9
Possible sunshine, hours, 13.9
Percentage of possible sunshine, 100
Prevailing direction NE
Total movement, 228
Average hourly velocity, 9.5

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 | NE | 12.55 p.m. |
| Ex 20 | | |

Relative humidity, 70 a. m. 65 p. m.
Reduced barometer, 30.03 a. m. 30.09 p. m.
River gage, 4.0 ft

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 1 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 44 | 44 | 46 | 47 | 47 | 47 | 48 | 49 | 50 | 52 | 54 | 57 | 61 | 63 | 64 | 66 | 65 | 65 | 65 | 65 | 64 | 64 | 64 | 61 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | Cloudy | | | | | — | Cloudy | | | | | | | | | | |
| Sunrise: Time, 4.39 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.37 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 01 | 1.0 | 1.0 | 1.0 | 0.7 | 0.2 | 0 | 0 | | | | | |
| Wind direction | E | E | SE | SE | SE | SE | SE | SE | SE | SE | SE | S | S | S | S | SW | SW | SW | S | S | S | S | S | SW |
| Wind movement | 4 | 5 | 5 | 7 | 5 | 7 | 8 | 7 | 7 | 7 | 11 | 9 | 12 | 14 | 14 | 10 | 9 | 6 | 4 | 2 | 1 | 2 | 5 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 66 | 44 | 55 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, Full Moon

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 4.0

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 29

Prevailing direction S, SE

Total movement, 165

Average hourly velocity, 6.9

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 | S | 1.50 p.m. |
| Ex 16 | | |

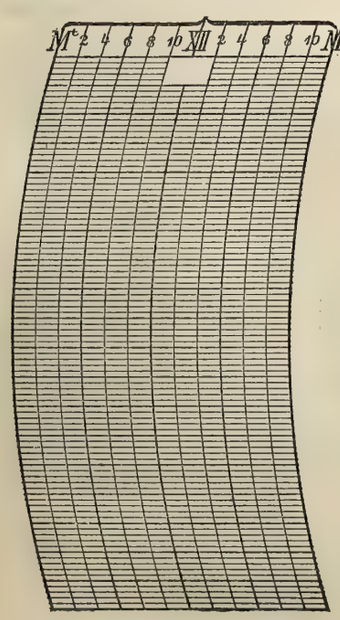
Relative humidity, 87 a. m. 75 p. m.

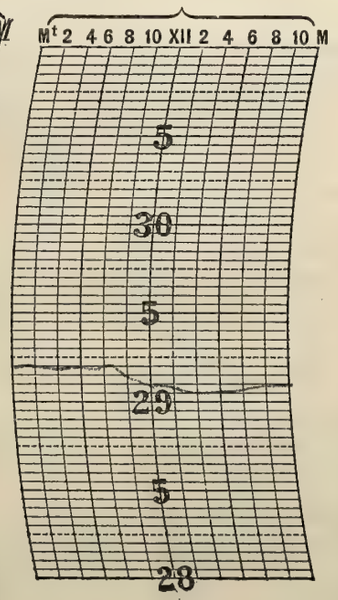
Reduced barometer, 30.11 a. m. 29.99 p. m.

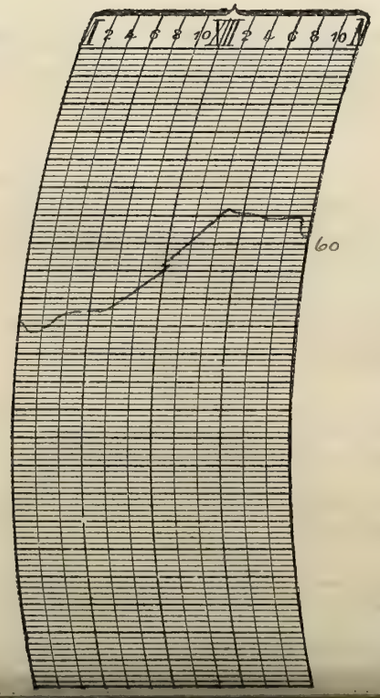
River gage, 6.2 ft

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

NOTES.




Prepared by
Verified by G.H.T.C.

8—486

Form No. 1014—Met'l.
U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 2 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 59 | 59 | 60 | 56 | 55 | 59 | 65 | 68 | 70 | 72 | 72 73 | 72 | 68 | 70 | 72 | 71 | 71 | 68 | 66 | 64 | 62 | 61 | 61 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | T8 1.20 | RE 2.40 | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | T | T | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | | | Cloudy | | | | | | | | | |
| Sunrise: Time, 4.37 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.38 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | 0 | 0 | 0 | 1.0 | 0.5 | 0.5 | 0 | | | | | |
| Wind direction | NW | NW | NW | NW | NW | NW | E | E | E | E | E | E | NE | N | E | E | SE | E | NE | NE | NE | E | E | E |
| Wind movement | 5 | 3 | 4 | 3 | 5 | 4 | 6 | 7 | 8 | 8 | 9 | 5 | 4 | 9 | 12 | 11 | 10 | 7 | 9 | 12 | 13 | 12 | 12 | 14 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 73 | 55 | 64 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, P.Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 8.7

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 62

Prevailing direction E

Total movement, 192

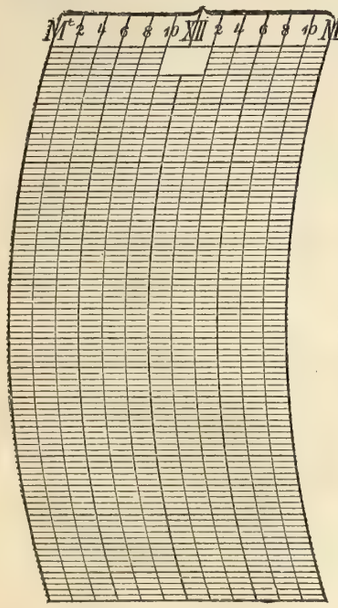
Average hourly velocity, 8.0

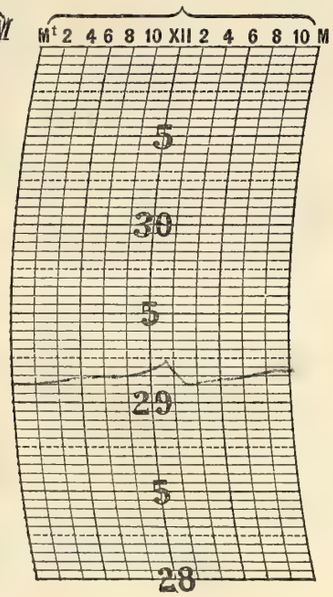
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 Ex 20 | E | 11.30 p.m. |

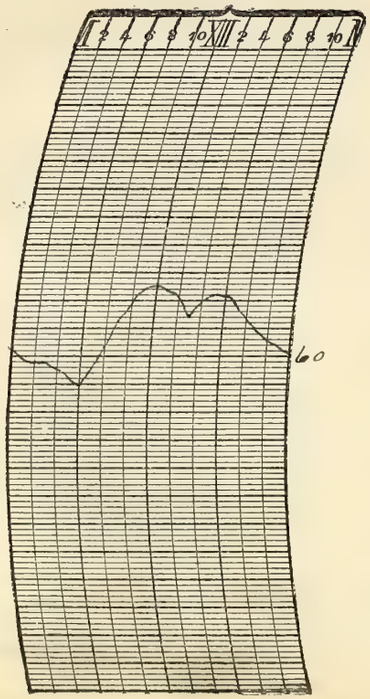
Relative humidity, 83 a. m. 57 p. m.

Reduced barometer, 30.07 a. m. 30.03 p. m.

River gage, 6.0 ft




NOTES.

A light thunderstorm occurred at 2.00 p.m.

Prepared by
Verified by G.H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 3 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 61 | 60 | 56 | 56 | 56 | 55 | 54 | 57 | 60 | 65 | 68 | 71 | 72 | 74 | 74 | 76 | 75 | 74 | 65 | 63 | 58 | 57 | 56 | 54 |
| State of weather: Nature of precipitation and time of beginning and ending | | | RB DN | | | RE 5,10 | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | .01 | .06 | .06 | T | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Partly Cloudy | | | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, 4.36; Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.37; Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | 0 | 0 | 0 | 0 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 0.8 | .65 0 | | | | | |
| Wind direction | NE | E | NE | E | E | NE | NE | NE | NE | NE | E | E | E | E | E | E | E | E | NE | NE | NE | NE | NE | NE |
| Wind movement | 14 | 13 | 13 | 12 | 7 | 10 | 13 | 12 | 10 | 10 | 10 | 9 | 10 | 10 | 9 | 10 | 11 | 11 | 13 | 14 | 14 | 15 | 11 | 10 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 76 | 54 | 65 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .13 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .13 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 11.3

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 81

Prevailing direction NE

Total movement, 271

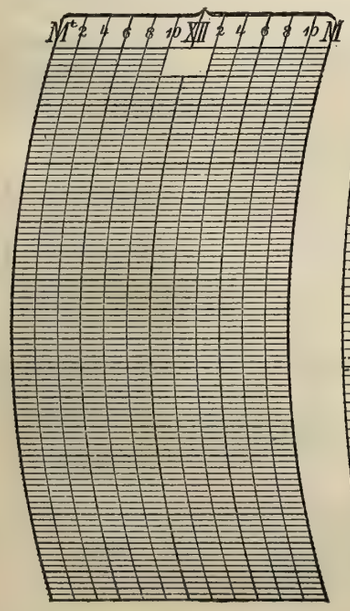
Average hourly velocity, 11.3

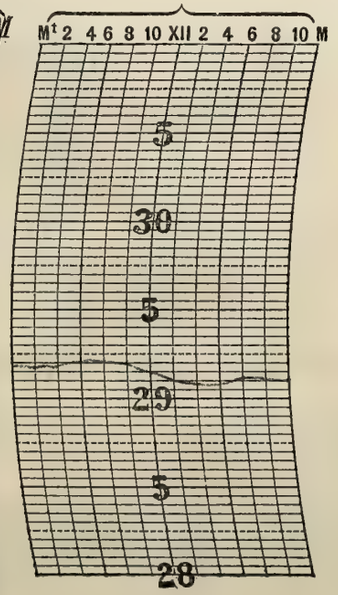
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 18 Ex. 19 | E | 3.10 a.m. |

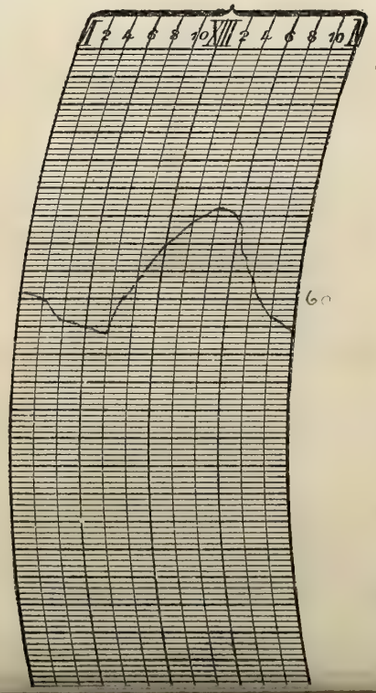
Relative humidity, 94 a. m. 66 p. m.

Reduced barometer, 30.13 a. m. 30.00 p. m.

River gage, 6.1 ft.






NOTES.

A light thunderstorm occurred at 3.00 a.m.

Prepared by } H.T.C.
Verified by }

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 4 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 53 | 52 | 51 | 50 | 49 | 49 | 52 | 55 | 63 | 68 | 72 | 75 | 77 | 78 | 80 | 80 | 79 | 74 | 68 | 63 | 60 | 58 | 56 | 55 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | | | | Pt Cloudy | | | | | | | | | |
| | Sunrise: Time, 4.35 Character, Clear | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.40 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | .42 0 | 1.0 0 | 0.6 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | 0.5 | 1.0 | 0.7 | 0 | 0 | | | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | E | E | E | E | E | E | E | NE | NE | NE | NE | NE | NE | E |
| Wind movement | 11 | 10 | 10 | 9 | 8 | 9 | 10 | 10 | 8 | 6 | 7 | 9 | 8 | 7 | 5 | 5 | 6 | 11 | 12 | 13 | 13 | 11 | 11 | 8 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 80 | 49 | 64 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 11.2

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 79

Prevailing direction NE

Total movement, 217

Average hourly velocity, 9.0

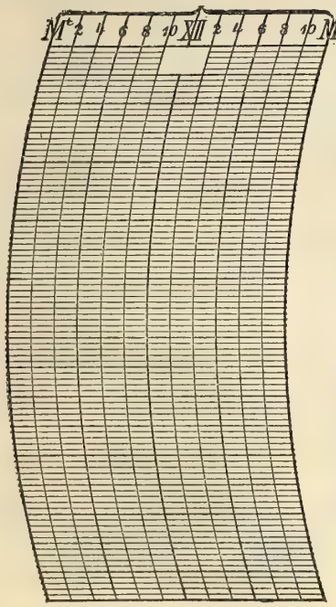
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 | NE | 7.10 p. m. |
| Ex 16 | | |

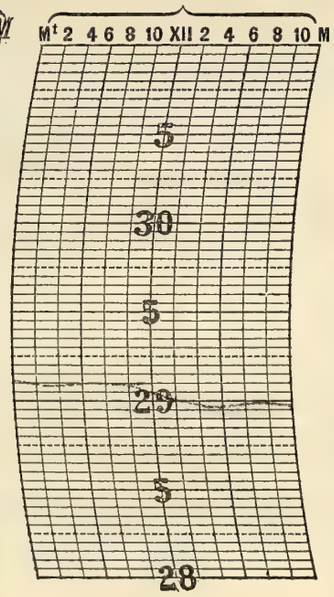
Relative humidity, 66 a. m. 55 p. m.

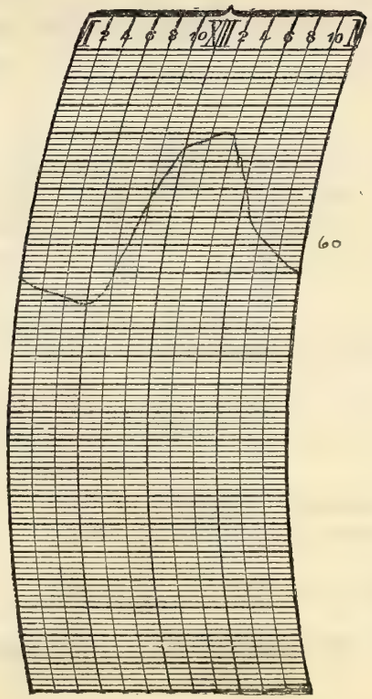
Reduced barometer, 29.99 a. m. 29.89 p. m.

River gage, 5.9 ft

NOTES.






Prepared by
Verified by } J.A.L.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 5 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 54 | 54 | 53 | 52 | 51 | 52 | 56 | 60 | 65 | 68 | 70 | 74 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | RB 9.40 | RE 10.20 | |
| Amounts of precipitation | | | | | | | | | | T | T | |
| Cloudiness and other conditions | | | | | | | — Pt Cloudy — | | | | | |
| Sunrise: Time, Character, | 4.33 Clear | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 45 0 | 0.9 0.1 | 0.7 | 1.0 | 0.1 | 0 | 0.5 | 1.0 |
| Wind direction | NE | E | E | E | NE | NE | NE | E | SW | SW | SW | S |
| Wind movement | 7 | 6 | 6 | | 6 | 7 | 11 | 4 | 4 | 3 | 3 | 7 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 76 | 78 | 78 | 77 | 76 | 75 | 73 | 72 | 60 | 67 | 65 | 64 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | RB 7.35 ~~RE 7.35~~ | RE 8.05 | | | |
| Amounts of precipitation | | | | | | | | .34 | T | | | |
| Cloudiness and other conditions | | | — Pt Cloudy — | | | | | | | | | |
| Sunset: Time, Character, | | | | | | | | | 6.41 Cloudy | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0 | 0 | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | S | S | SW | SW | SW | SW |
| Wind movement | 10 | 8 | 8 | 8 | 8 | 7 | 5 | 9 | 7 | 5 | 7 | 7 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | 30 SW 7.40 | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts 7.35p | 8.05p | .34 | 7.41p | 7.49p | .02 | .23 | .31 | | | | | | | | | | | | |

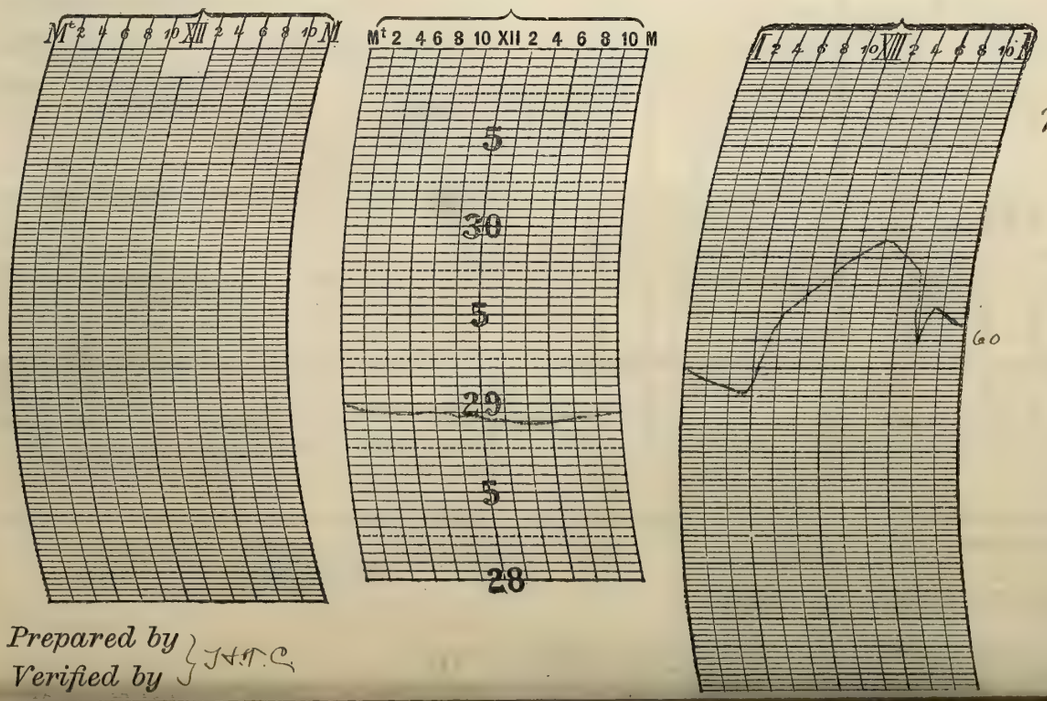
1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 78 | 51 | 64 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .34 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 9.7
Possible sunshine, hours, 14.1
Percentage of possible sunshine, 69
Prevailing direction SW
Total movement, 153
Average hourly velocity, 6.4

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 30 Ex 36 | SW | 7.40 p.m. |

Relative humidity, 74 a. m. 63 p. m.
Reduced barometer, 29.86 a. m. 29.80 p. m.
River gage, 5.7 ft.




NOTES.

a severe thunderstorm occurred from 7.35 p.m. till 8.00 p.m.

Prepared by
Verified by } J.H.T.C.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 6 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 62 | 61 | 60 | 59 | 58 | 56 | 59 | 60 | 69 | 76 | 79 | 80 | 79 | 78 | 76 | 75 | 73 | 72 | 71 | 69 | 68 | 63 | 62 | 61 |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Pt Cloudy | | | | | | Cloudy | | | | | | | | | | | |
| Sunrise: Time, 4.32 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.42 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | 0 | 0 | 0 | 0.4 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | S | SW | S | S | S | S | S | S | S | S | S | S | N | N | N |
| Wind movement | 7 | 8 | 6 | 8 | 5 | 6 | 4 | 4 | 4 | 6 | 5 | 7 | 11 | 11 | 9 | 8 | 8 | 8 | 6 | 4 | 5 | 10 | 6 | 3 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 80 | 56 | 68 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 7.1

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 50

Prevailing direction S

Total movement, 159

Average hourly velocity, 6.6

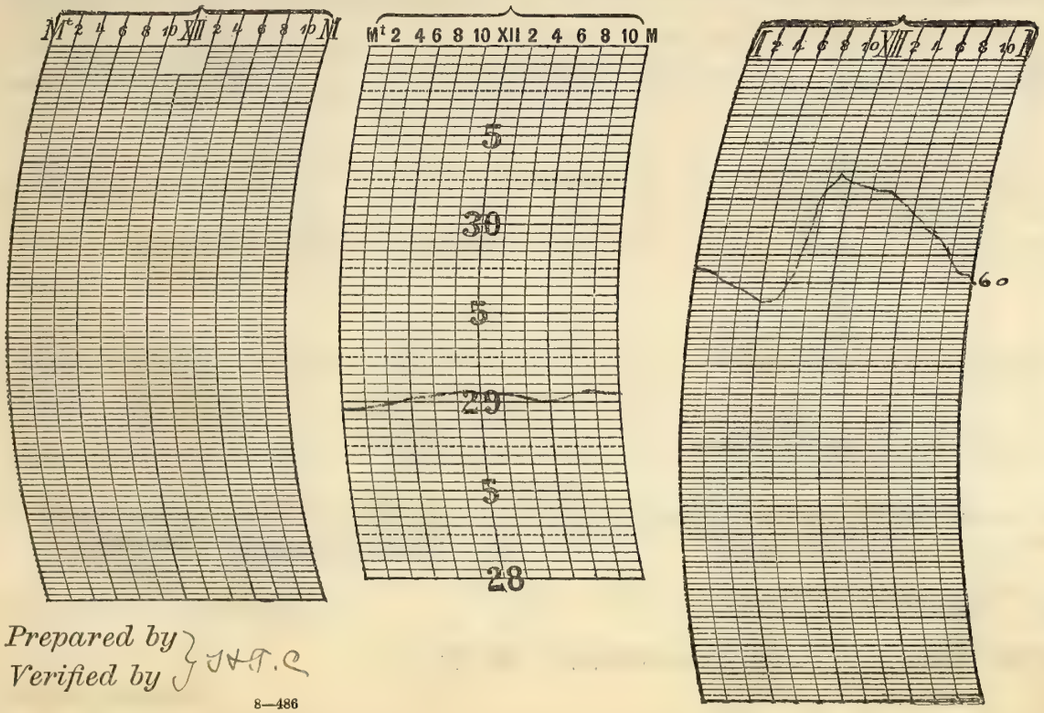
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 | NW | 9.25 p.m. |
| Ex 19 | | |

Relative humidity, 98 a. m. 71 p. m.

Reduced barometer, 29.94 a. m. 29.91 p. m.

River gage, 5.0 ft

NOTES.




Prepared by
Verified by } J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 7 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 59 | 60 | 60 | 58 | 57 | 58 | 63 | 66 | 70 | 72 | 73 | 75 | 77 | 79 | 79 | 78 | 77 | 59 | 62 | 62 | 61 | 60 | 60 | 60 |
| | | | | | | | | | | | | | | | | | | RB 5.30 | RE 6.15 | | | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | .06 | T | | | | | |
| Cloudiness and other conditions | | | | | | | — Clear — | | | | | | — Clear | | | | → Cloudy — | | | | | | | |
| | Sunrise: Time, 4.31 Character, Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.48 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0 | 0 | 0 | | | | | |
| Wind direction | SW | SE | SE | S | S | SW | SW | SW | SW | SW | SW | S | S | S | S | S | SW | W | SE | S | SW | SW | W | SW |
| Wind movement | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 6 | 7 | 8 | 7 | 8 | 11 | 11 | 12 | 13 | 15 | 17 | 3 | 6 | 8 | 6 | 5 | 6 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | 30 W 6.30 | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 79 | 57 | 68 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.6 ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 9.2

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 65

Prevailing direction S.W.

Total movement, 181

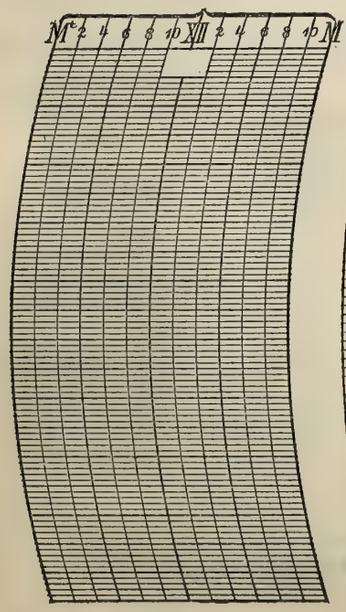
Average hourly velocity, 7.5

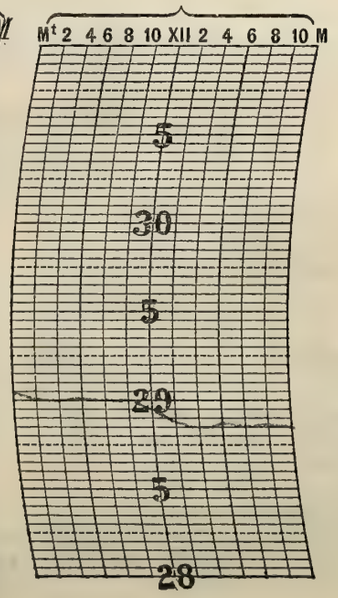
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 30 Ex 34 | W | 6.30 p.m. |

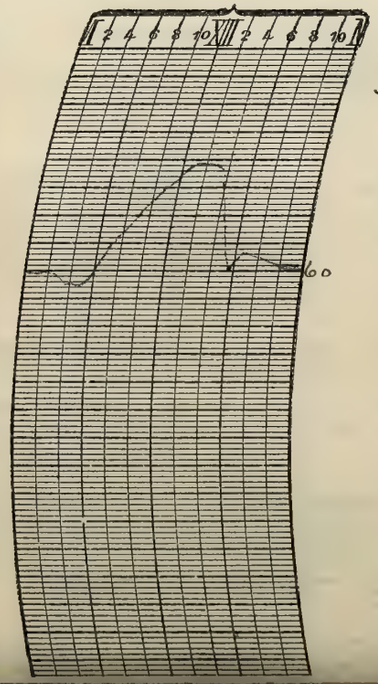
Relative humidity, 84 a. m. 92 p. m.

Reduced barometer, 29.42 a. m. 29.74 p. m.

River gage, 5.0 ft




NOTES.

A Moderate thunderstorm occurred from 5 30 till 6 15 p.m.

Prepared by } H.T.C.
Verified by }

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 8 1912, 191

Time (local standard) 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 58 | 57 | 58 | 56 | 55 | 59 | 61 | 63 | 64 | 64 | 65 | 67 | 69 | 70 | 70 | 52 | 57 | 58 | 58 | 57 | 57 | 54 | 52 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | RB 3.40 | RE 4.32 | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | .03 | .07 | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | | Clear | | | | | | | | | |
| Sunrise: Time, Character, | 4.30 Clear | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character, 6.44 Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | .50 0 | 0.8 0.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | 0.6 | 0.3 | 0 | | | | | |
| Wind direction | SW | SW | W | W | NW | NW | W | W | W | W | W | W | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | NW | NW |
| Wind movement | 8 | 6 | 7 | 7 | 7 | 6 | 7 | 11 | 15 | 13 | 17 | 19 | 18 | 17 | 16 | 22 | 15 | 9 | 9 | 6 | 8 | 9 | 10 | 12 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | 38 NW 3.44 | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

_____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 70 | 52 | 61 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1.10 ins.

Total precipitation, midnight to midnight, 1.10 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0–10) 2.

Actual sunshine, hours, 11.7

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 82

Prevailing direction SW

Total movement, 274

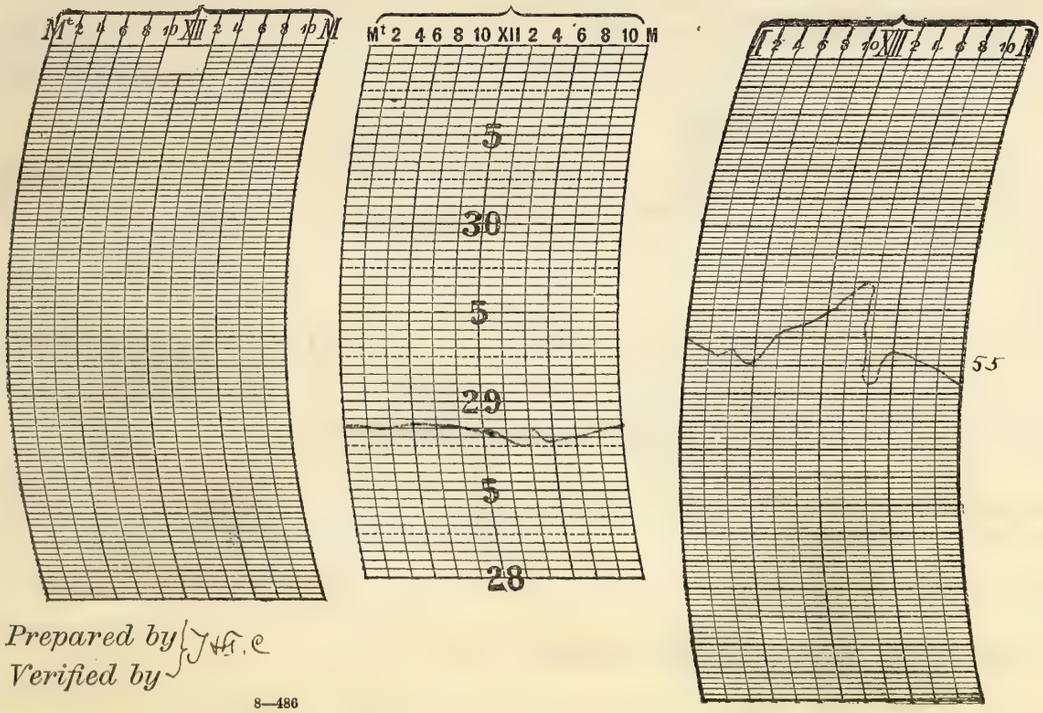
Average hourly velocity, 11.4

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 38 Ex 48 | NW | 3.44 p.m. |

Relative humidity, 89 a. m. 94 p. m.

Reduced barometer, 29.76 a. m. 29.68 p. m.

River gage, 4.5 ft




NOTES.

A moderate thunderstorm occurred at 4.00 p.m.

Prepared by J. H. C.
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 9 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 49 | 47 | 46 | 45 | 44 | 43 | 48 | 55 | 56 | 57 | 58 | 59 | 62 | 62 | 63 | 64 | 61 | 59 | 59 | 58 | 56 | 55 | 52 | 51 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | — | — | Clear | — | — | | | | — | — | Clear | — | — | — | | | | | | |
| | Sunrise: Time, 4.29 Character, Clear | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.45 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | .52 0 | 0.6 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | .65 0.1 | | | | | |
| Wind direction | NW | NW | NW | W | W | W | W | W | NW | NW | NW | NW | NW | W | W | W | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 11 | 11 | 8 | 6 | 7 | 7 | 8 | 11 | 14 | 19 | 18 | 16 | 18 | 16 | 16 | 14 | 13 | 11 | 7 | 6 | 4 | 3 | 2 | 3 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 64 | 43 | 54 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Last Quarter.

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 14.3

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 100

Prevailing direction NW

Total movement, 249

Average hourly velocity, 10.4

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 22 | NW | 10 2.3 AM. |

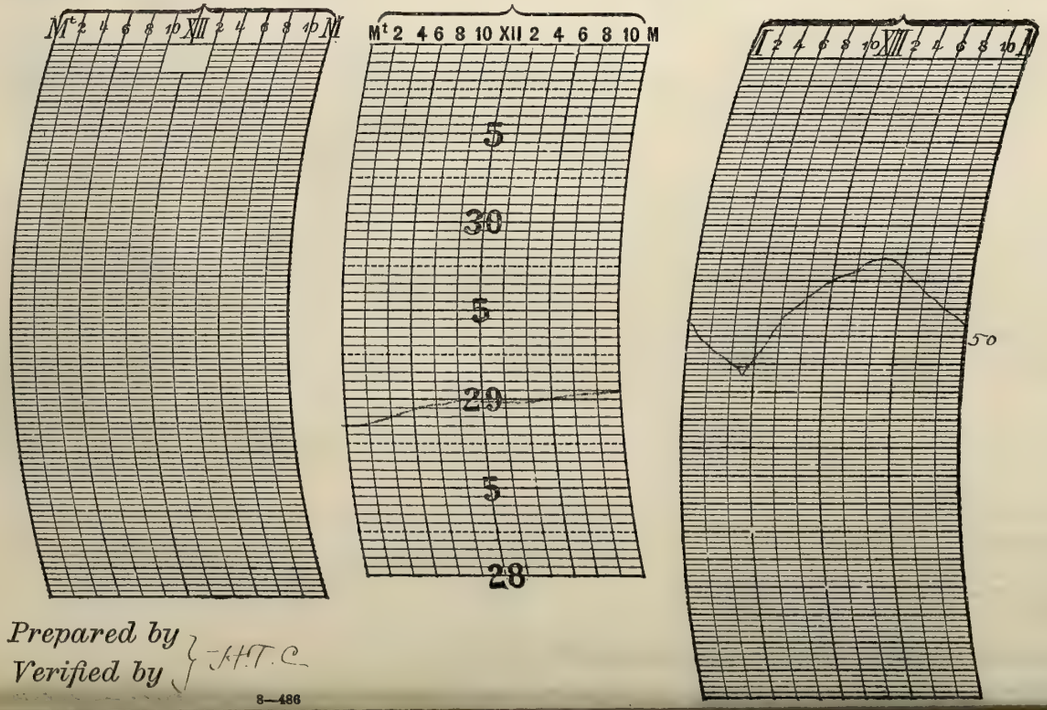
Ex 25

Relative humidity, 87 a. m. 76 p. m.

Reduced barometer, 29.89 a. m. 29.93 p. m.

River gage, 4.1 ft

NOTES.




Prepared by
Verified by } J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 10 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 51 | 50 | 48 | 47 | 44 | 49 | 55 | 58 | 62 | 65 | 67 | 69 | 71 | 73 | 73 | 75 | 74 | 71 | 69 | 67 | 65 | 64 | 64 | 65 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | | Clear | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | 0 | | | | | |
| Wind direction | NW | NW | NW | NW | NW | NE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | E | SE | SE | SE | SE | SE |
| Wind movement | 2 | 0 | 1 | 1 | 2 | 3 | 3 | 7 | 8 | 9 | 9 | 11 | 11 | 9 | 10 | 11 | 9 | 8 | 6 | 5 | 6 | 5 | 5 | 15 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 4.28; Character, Clear

Sunset: Time, 6.46; Character, Clear

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 75 | 44 | 60 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 14.3

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 100

Prevailing direction SE

Total movement, 157

Average hourly velocity, 6.3

Maximum velocity, 15 Direction, ~~NW~~ S Time, 11.25 a.m.

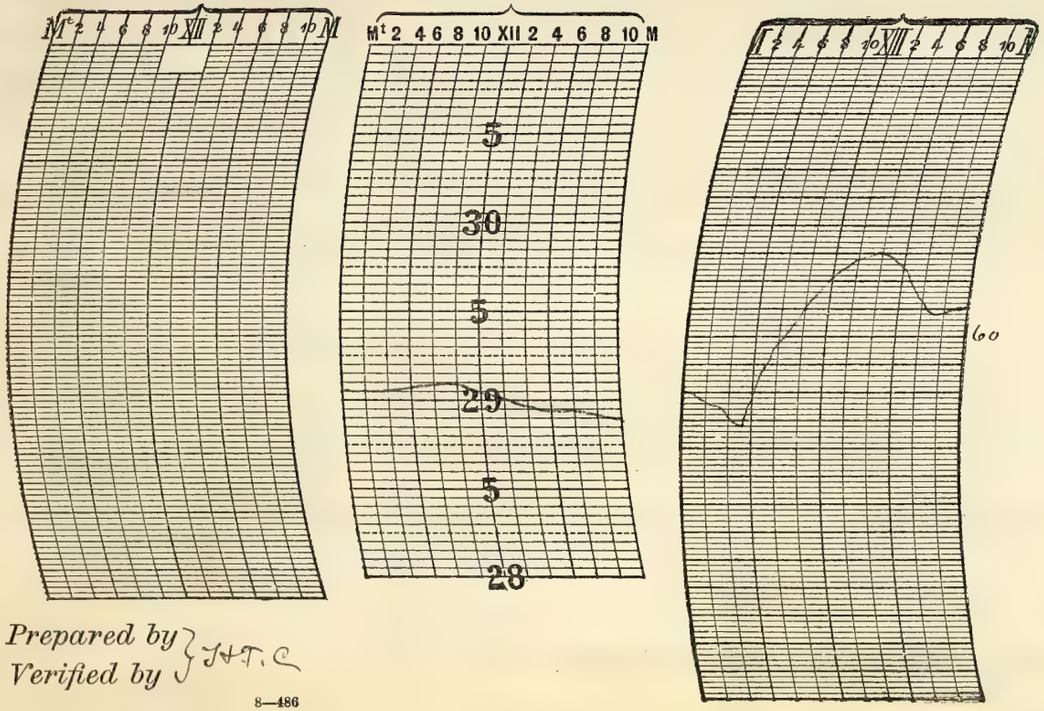
Ex 15

Relative humidity, 78 a. m. 64 p. m.

Reduced barometer, 30.01 a. m. 29.83 p. m.

River gage, 3.7 ft

NOTES.




Prepared by
Verified by } J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 11 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 61 RB DN | 57 | 56 | 56 | 56 | 55 | 56 RB 6.20 | 56 RB 7.40 | 57 | 58 | 59 RB 10.35 | 65 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | .02 | .32 | .14 | .07 | .03 | .05 | .01 | .01 | .21 | .03 | .02 | |
| Cloudiness and other conditions | — Cloudy — | | | | | | | | | | | |
| Sunrise: Time, 4.27 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0.3 | 0.9 |
| Wind direction | SE | SE | SE | E | E | E | E | E | E | E | SE | SW |
| Wind movement | 10 | 9 | 6 | 6 | 7 | 8 | 10 | 9 | 8 | 3 | 5 | 15 |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 69 | 73 | 74 | 74 | 72 | 71 | 69 | 68 | 66 | 65 RB 9.40 | 63 | 62 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | T | T | T |
| Cloudiness and other conditions | — Pt Cloudy | | | | | | | | | | | |
| Sunset: Time, 6.47 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0 | 0 | | | | | |
| Wind direction | SW | S | S | S | SE | S | SE | SE | S | S | SW | NW |
| Wind movement | 17 | 16 | 13 | 13 | 12 | 7 | 10 | 8 | 8 | 5 | 5 | 4 |

State of weather.

Maximum velocities (exceeding 20 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 74 | 55 | 64 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .64 ins.; to 7 p. m., .27 ins.

Total precipitation, midnight to midnight, .91 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 6.1

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 43

Prevailing direction E, SE

Total movement, 214

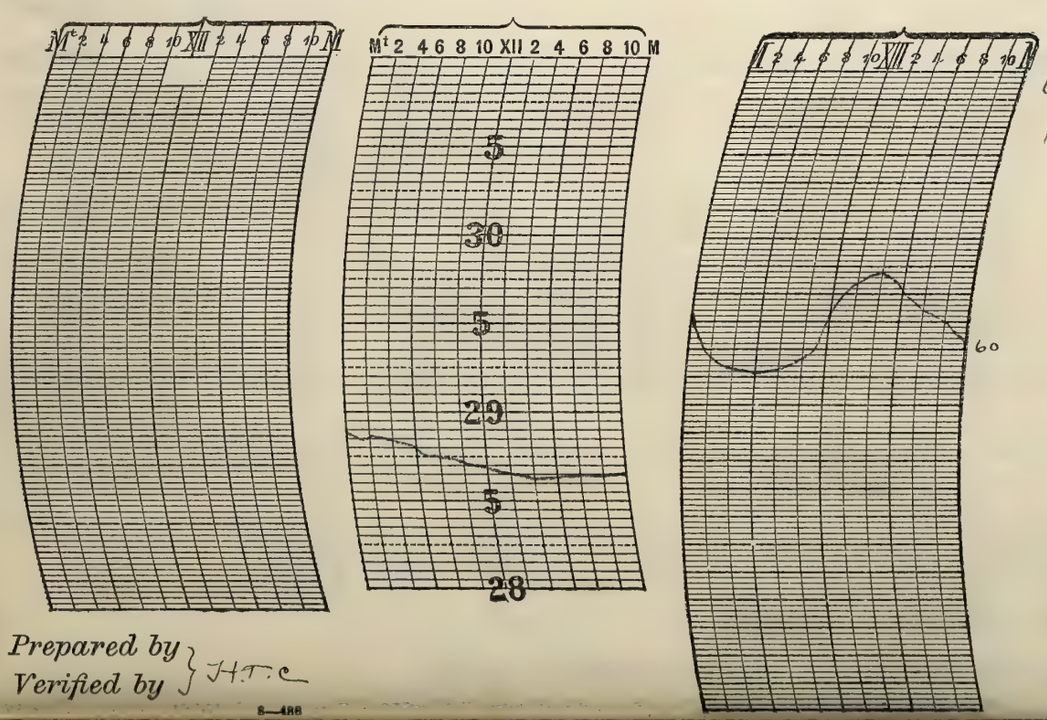
Average hourly velocity, 8.9

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 | SW | 12.32 p.m. |
| 8 x 20 | | |

Relative humidity, 98 a. m. 93 p. m.

Reduced barometer, 29.63 a. m. 29.54 p. m.

River gage, 3.3 ft




NOTES.

A moderate thunderstorm occurred about 1.00 a.m.

Prepared by
Verified by } H.T.C

8—488

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 12 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 59 | 58 | 58 | 58 | 59 | 60 RE 6.15 | 60 | 61 RS 8.35 | 60 | 61 | 60 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | .10 | T | T | T | T | .04 | T | | .01 | .05 | .07 | .07 |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | |
| Sunrise: Time, Character | 4.26 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0.5 | 0 | 0 | 0 | 0 |
| Wind direction | NW | NW | E | E | SE | SE | SE | S | S | S | S | S |
| Wind movement | 4 | 5 | 6 | 5 | 6 | 7 | 7 | 12 | 12 | 8 | 11 | 8 |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 61 | 50 | 48 | 46 | 44 | 43 | 42 | 41 | 40 | 38 | 37 | 37 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | .07 | .23 | .02 | .01 | .02 | .02 | .01 | .03 | .02 | .05 | .03 | .07 |
| Cloudiness and other conditions | | | | | | | | | | | | |
| Sunset: Time, Character | | | | | | | | | 6.49 Cloudy | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | S | N | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 11 | 13 | 14 | 17 | 17 | 17 | 17 | 16 | 16 | 19 | 18 | 15 |

Maximum velocities (exceeding 29 miles) direction and time

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

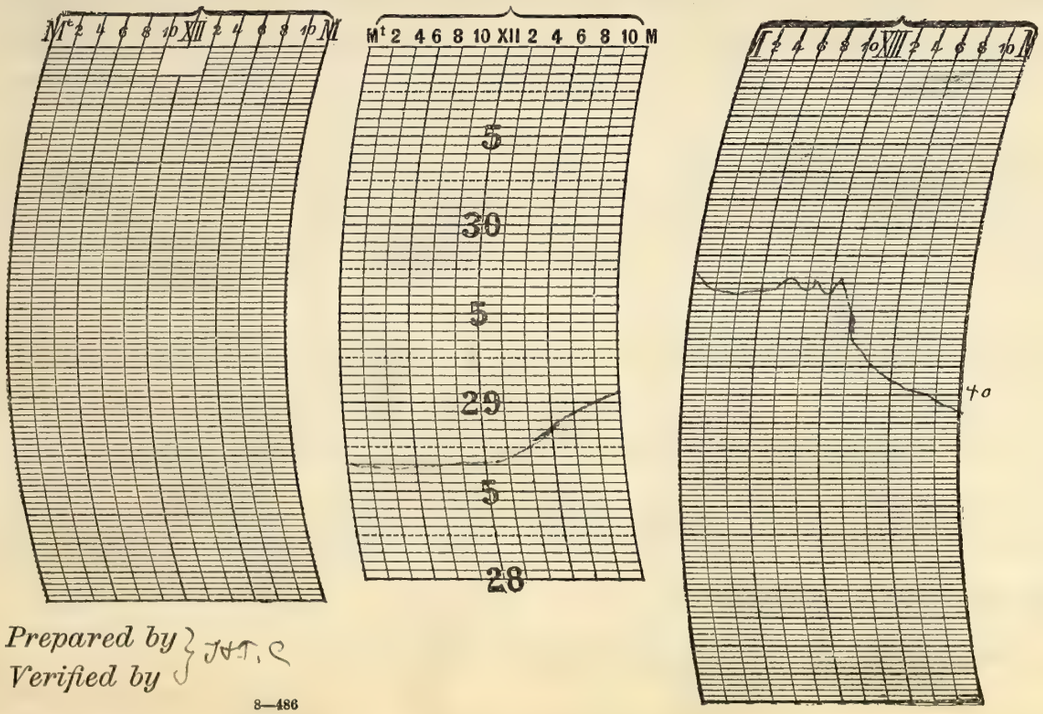
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 62 | 37 | 50 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .14 ins.; to 7 p. m., .58 ins.
Total precipitation, midnight to midnight, .92 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 0.5
Possible sunshine, hours, 14.4
Percentage of possible sunshine, 3
Prevailing direction NW
Total movement, 281
Average hourly velocity, 11.7

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 24 Ex 24 | NW | 10.20 pm |

Relative humidity, 94 a. m. 100 p. m.
Reduced barometer, 29.52 a. m. 29.83 p. m.
River gage, 3.6 ft

NOTES.




Prepared by } JHT.C
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 13 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 36 | 34 | 36 | 38 | 39 | 38 | 40 | 41 | 43 | 45 | 48 | 52 | 54 | 55 | 56 | 56 | 56 | 55 | 53 | 52 | 51 | 49 | 48 | 47 |
| State of weather: Nature of precipitation and time of beginning and ending | | | RE DN | | | | | | | | | | | | | | | | | | | RG 9.25 | RE 10.10 | |
| Amounts of precipitation | .09 | .05 | .01 | | | | | | | | | | | | | | | | | | | T | T | |
| Cloudiness and other conditions | | | | | | | Pt Cloudy | | | | | | | Pt Cloudy | | | | | | | | | | |
| Sunrise: Time, 4.25; Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.50; Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.1 0.9 | .83 0 | | | | | |
| Wind direction | NW | NW | NW | NW | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | NW | NW | NW | NW | NW |
| Wind movement | 14 | 12 | 13 | 11 | 12 | 12 | 15 | 15 | 16 | 17 | 16 | 17 | 14 | 16 | 16 | 16 | 14 | 9 | 6 | 3 | 2 | 5 | 4 | 8 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 56 | 34 | 45 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .35 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .15 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 7

Actual sunshine, hours, 12.1

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 84

Prevailing direction W

Total movement, 283

Average hourly velocity, 11.8

Maximum velocity, 20 Direction, W Time. 9.20 a.m.

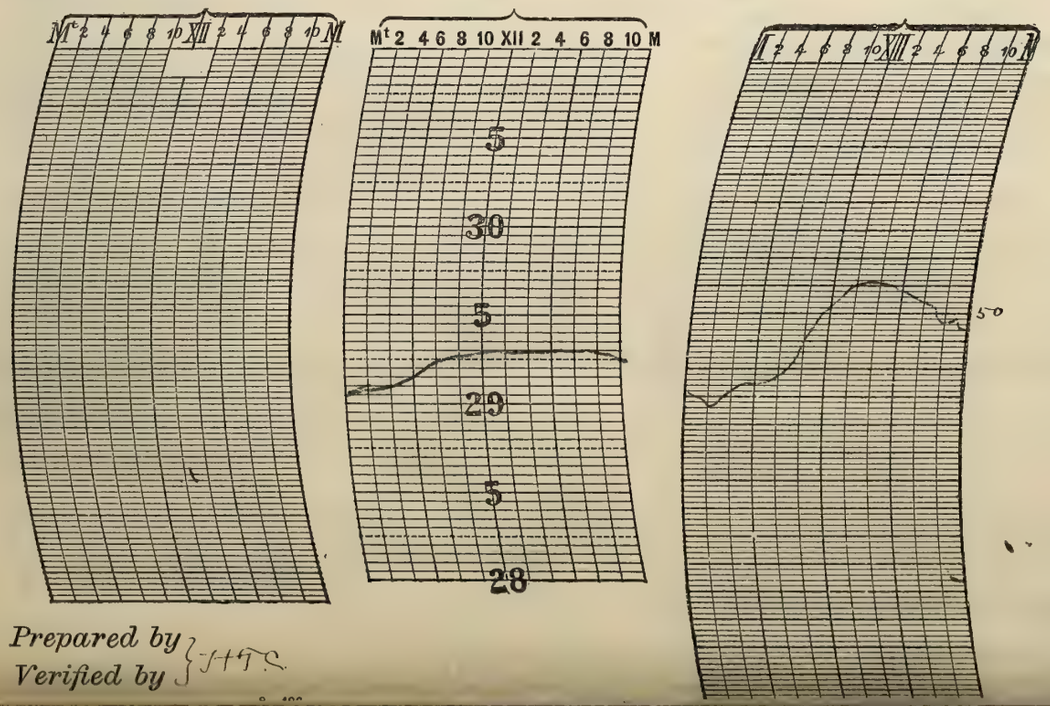
Ex 20

Relative humidity, 95 a. m. 73 p. m.

Reduced barometer, 30.14 a. m. 30.20 p. m.

River gage, 8.9 ft

NOTES.




Prepared by
Verified by } J.H.T.S.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 14 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 46 | 47 | 48 | 49 | 49 | 48 | 50 | 50 | 52 | 53 | 55 | 56 | 57 | 58 | 58 | 59 | 59 | 57 | 54 | 53 | 52 | 49 | 49 | 48 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Pt Cloudy — | | | | | | — Pt Cloudy — | | | | | | | | | | | |
| Sunrise: Time, 4.24 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.57 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | 0 | 0 | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.8 | 0.5 | 0.3 | 0.3 | 0 | | | | | |
| Wind direction | SW | SW | SW | SW | SW + | SW + | W + | W | W | W | W | W | W | W | W | W | W | W | W | NW | N | N | E | E |
| Wind movement | 8 | 11 | 12 | 10 | 10 | 9 | 10 | 9 | 11 | 11 | 11 | 14 | 17 | 14 | 15 | 14 | 14 | 11 | 6 | 5 | 5 | 4 | 4 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

+ Estimated

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 59 | 46 | 52 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 8.8

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 61

Prevailing direction W

Total movement, 239

Average hourly velocity, 10.0

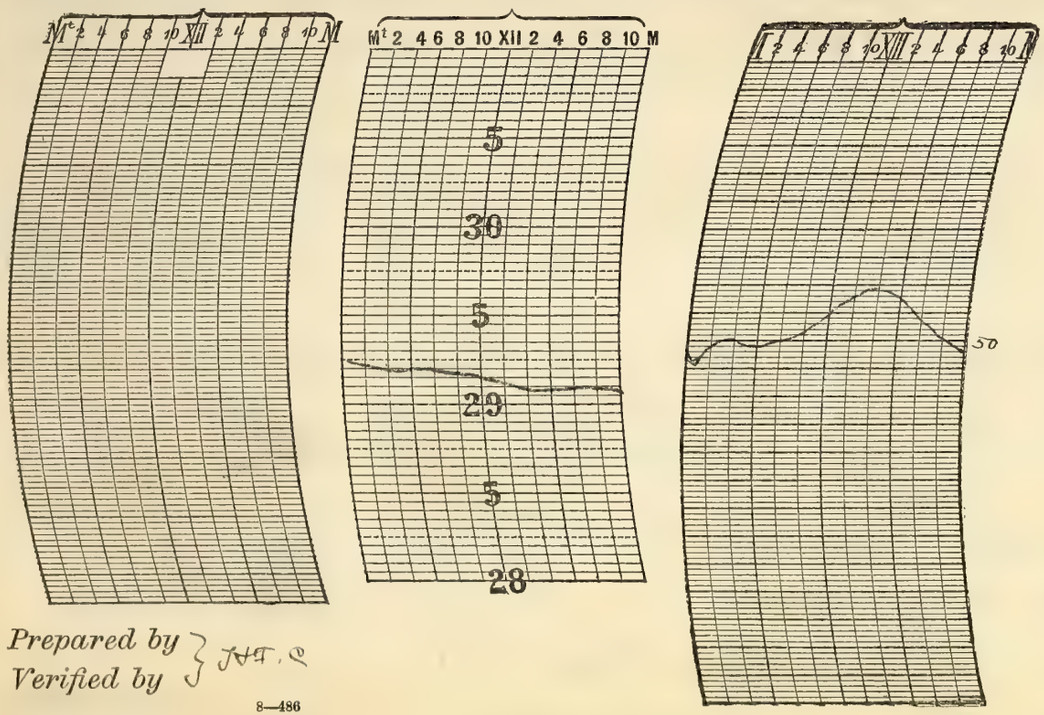
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 Ex 21 | W | 12.50 p.m. |

Relative humidity, 90 a. m. 79 p. m.

Reduced barometer, 30.11 a. m. 29.99 p. m.

River gage, 10.3 ft.

NOTES.




Prepared by } JHT. C
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 15 1912, 191

Time (local standard) 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 47 | 46 | 46 | 45 | 46 | 48 | 50 | 5 58 | 7 55 | 4 57 | 60 54 | 57 ~~60~~ |
| | | | | | | | | | RB 8.30 | RE 9.25 | | RB 11.05 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | .01 | T | | .11 |
| Cloudiness and other conditions | | | | | | | | — PtCloudy — | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 4.23 Character, Cloudy | | | 0 | 0 | 0 | 0.1 | 1.0 | 0.2 | 0.3 | 0.7 | 0 |
| Wind direction | SE | SE | SE | SE | SE | SE | SE | SE | S | S | S | SW |
| Wind movement | 5 | 8 | 5 | 4 | 7 | 10 | 10 | 11 | 13 | 8 | 12 | 10 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 63 ~~58~~ | 58 ~~63~~ | 57 | 52 | 55 ~~56~~ | 56 | 55 | 54 | 53 | 53 | 51 | 49 |
| | RE 12.15 | RB 1.25 | | | RE 4.15 | | | | | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | T | .03 | T | .05 | T | | | | | | | |
| Cloudiness and other conditions | | | — Cloudy — | | | | | | | | | |
| Sunshine (in tenths of hours) | 0.5 | 0.3 | 0 | 0 | 0 | 0 | 0 | | Sunset: Time, 6.32 Character, Cloudy | | | |
| Wind direction | S | S | SW | SW | SW | SE | SE | SE | SE | SE | E | E |
| Wind movement | 15 | 15 | 6 | 10 | 3 | 5 | 3 | 2 | 6 | 2 | 6 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 63 | 45 | 54 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .20 ins.

Total precipitation, midnight to midnight, .20 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 3.1

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 21

Prevailing direction SE

Total movement, 180

Average hourly velocity, 7.5

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 23 | SW | 12.15 pm |

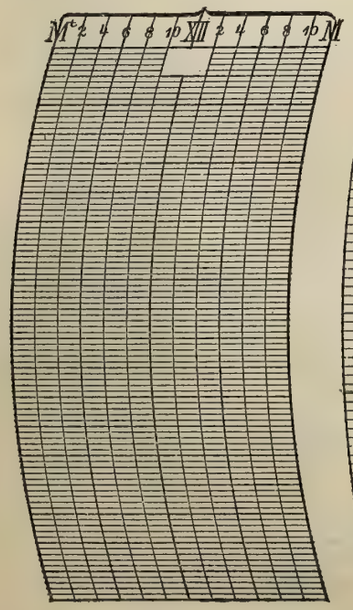
Ex 24

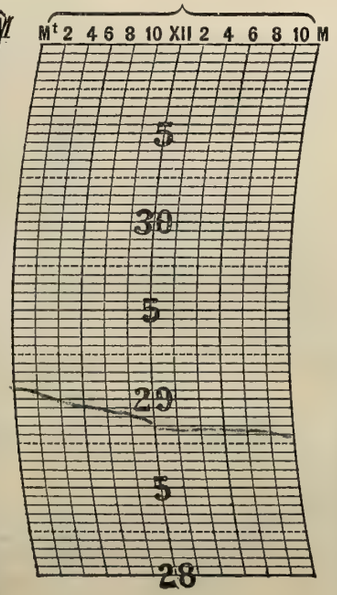
Relative humidity, 88 a. m. 97 p. m.

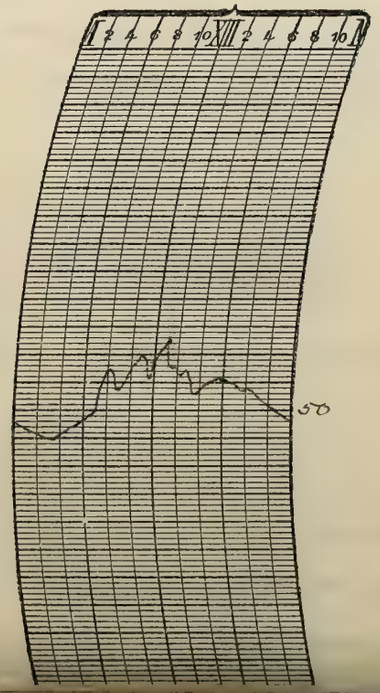
Reduced barometer, 29.86 a. m. 29.72 p. m.

River gage, 8.6 ft

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |




NOTES.

A moderate thunderstorm occurred at 11.00 a.m.

Prepared by } J.H.T.C
Verified by }

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursdy, (Date) MAY 16 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 49 | 49 | 48 | 48 | 49 | 49 | 50 | 51 | 53 | 54 | 55 | 56 | 55 | 58 | 56 | 57 | 57 | 56 | 55 | 54 | 52 | 49 | 47 | 47 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | RB DN | | RE 6.15 | | | | | | RB 12.05 | RE 1.15 | | | | | | | | | | RB DN |
| Amounts of precipitation | | | | | T | .01 | T | | | | | | .03 | .01 | | | | | | | | | | T |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | | | | Cloudy | | | | | | | | | |
| Sunrise: Time, 4.22; Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.52; Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0.4 + | 1.0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | E | NE | NE | NE | NE | NE | N | N | N | N | N | N | N | NW | N | N | N | NW | NW | N | NW | NW | NW | NW |
| Wind movement | 4 | 6 | 5 | 7 | 7 | 5 | 3 | 6 | 6 | 8 | 9 | 5 | 5 | 2 | 8 | 8 | 5 | 9 | 12 | 10 | 14 | 16 | 17 | 15 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 58 | 47 | 52 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy Moon phase New Moon

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 1.5

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 10

Prevailing direction N

Total movement, 192

Average hourly velocity, 8.0

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 | NW | 10.30 p.m. |
| Ex 20 | | |

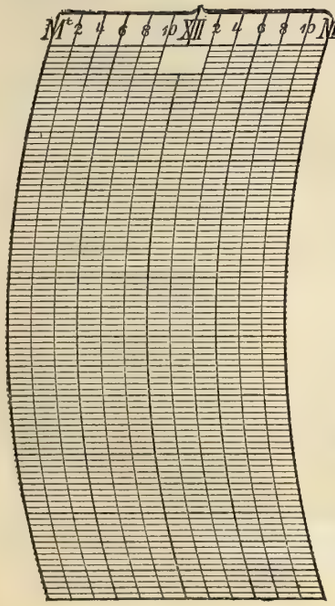
Relative humidity, 87 a. m. 91 p. m.

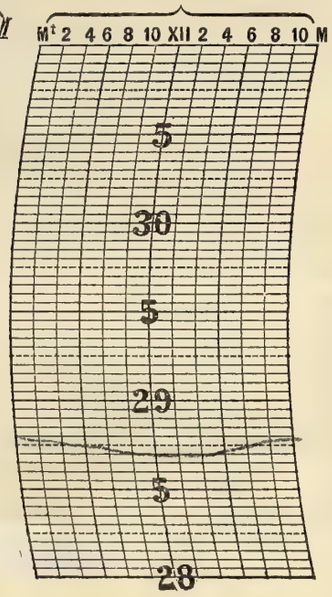
Reduced barometer, 29.63 a. m. 29.61 p. m.

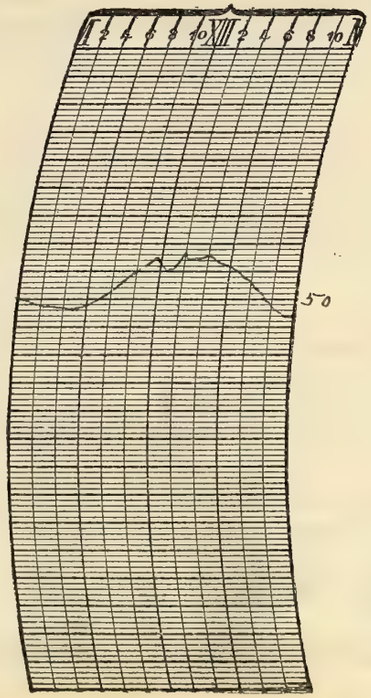
River gage, 8.1 ft.

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

+ Estimated






NOTES.

Prepared by J.H.T.C.
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 17 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 47 | 46 | 45 | 44 | 46 | 47 R E 5.25 | 49 | 51 | 54 | 56 | 58 | 59 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | .07 | .07 | .03 | .06 | .02 | T | | | | | | |
| Cloudiness and other conditions | | | | | | | Pt Cloudy | | | | | |
| Sunrise: Time, 4.21 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | T | 0 | 0 | 0 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | NW | NW | NW | NW | NW | NW | W | W | NW | NW | W | W |
| Wind movement | 18 | 18 | 22 | 19 | 17 | 16 | 15 | 15 | 17 | 18 | 21 | 20 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 61 | 63 | 63 | 62 | 61 | 59 | 56 | 54 | 52 | 51 | 50 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Clear | | | | | | | | | |
| Sunset: Time, 6.53 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0.8 0.2 | .88 0 | | | | | |
| Wind direction | W | W | W | W | W | W | W | W | SW | SW | SW | SW |
| Wind movement | 20 | 19 | 19 | 19 | 15 | 13 | 6 | 6 | 6 | 5 | 8 | 8 |
| Maximum velocities (exceeding miles) direction and time | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 63 | 44 | 54 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .25 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .25 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 10.9

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 75

Prevailing direction W

Total movement, 360

Average hourly velocity, 15.0

Maximum velocity, 26 Direction, W Time. 11.15 am.

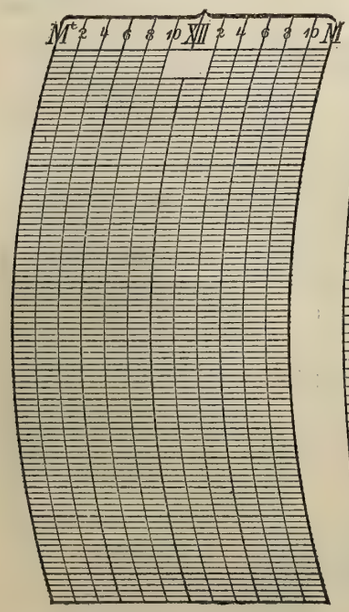
Ex 27

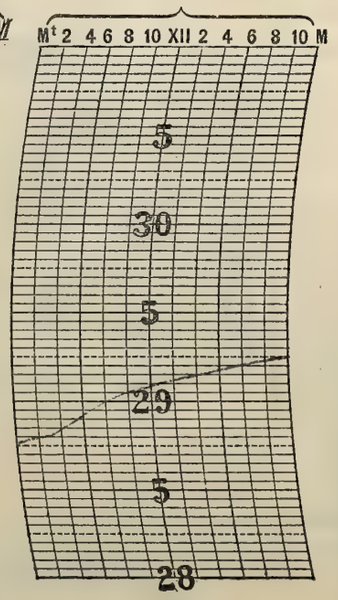
Relative humidity, 90 a. m. 43 p. m.

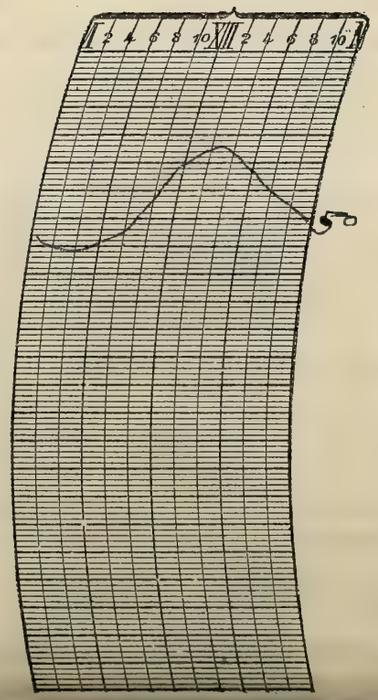
Reduced barometer, 29.89 a. m. 30.11 p. m.

River gage, 8.1 ft.

NOTES.






Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 18 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 49 | 48 | 47 | 47 | 47 | 49 | 54 | 61 | 64 | 67 | 69 | 70 | 71 | 72 | 72 | 72 | 70 | 69 | 68 | 67 | 65 | 64 | 63 | 62 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — | Clear | — | | | | | — | Clear | — | | | | | | | | | |
| Sunrise: Time, 420 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.54 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 0 | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 9 | 10 | 10 | 9 | 9 | 10 | 12 | 14 | 20 | 23 | 25 | 26 | 26 | 27 | 26 | 23 | 22 | 18 | 16 | 14 | 15 | 17 | 16 | 10 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | 31 SW 11.10 | | 30 SW 1.40 | 30 SW 2.20 | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 72 | 47 | 60 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 13.1

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 90

Prevailing direction SW

Total movement, ~~367~~ 407

Average hourly velocity, ~~12.8~~ 15.0

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 31 | SW | 11.10 a.m. |

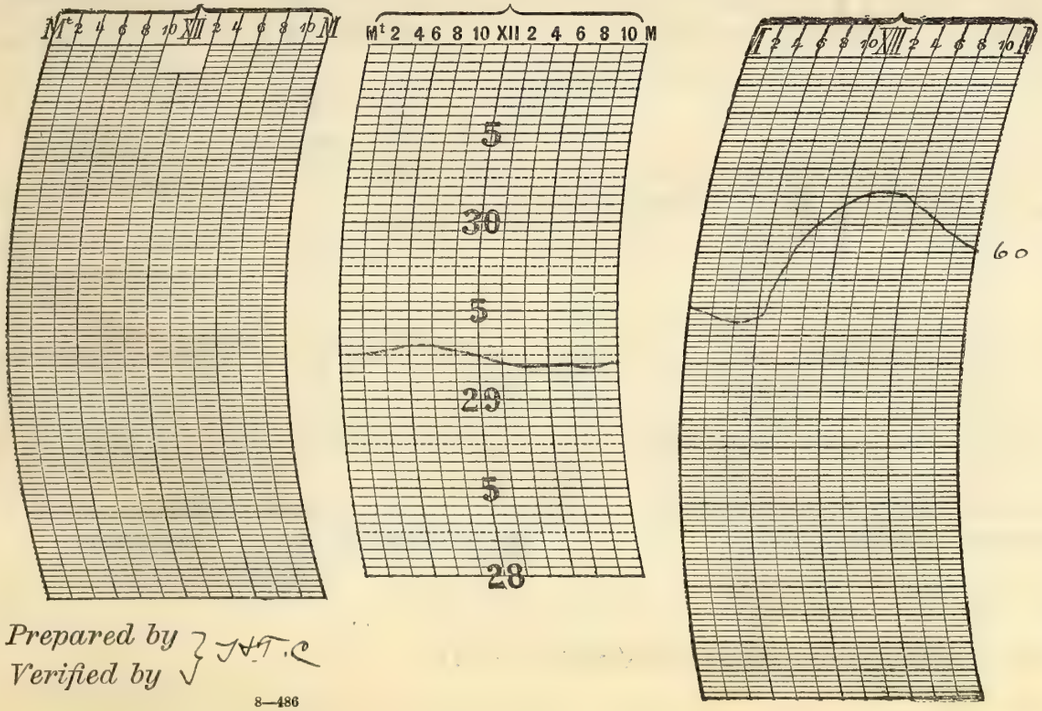
Ex 32

Relative humidity, 77 a. m. 58 p. m.

Reduced barometer, 30.21 a. m. 30.07 p. m.

River gage, 8.6 ft.

NOTES.




Prepared by
Verified by } J.H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 19 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 61 | 60 | 55 | 54 | 51 | 50 | 52 | 55 | 57 | 60 | 63 | 65 | 66 | 67 | 69 | 71 | 70 | 69 | 68 | 64 | 60 | 55 | 54 | 53 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | Clear | | | | | | | Clear | | | | Cloudy | | | | | | | |
| Sunshine (in tenths of hours) | | | | | .68 0 | c.7 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.2 | 0 | | | | | |
| Wind direction | SW | SW | NW | NW | N | N | N | N | NE | NE | E | S | NW | N | E | SE | SE | E | E | E | E | E | E | E |
| Wind movement | 10 | 7 | 5 | 5 | 6 | 8 | 6 | 6 | 6 | 4 | 4 | 4 | 6 | 5 | 6 | 6 | 5 | 5 | 6 | 9 | 11 | 10 | 8 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 4.19 Character, Clear

Sunset: Time, 6.55 Character, Cloudy

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 71 | 50 | 60 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 12.8

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 88

Prevailing direction E

Total movement, 154

Average hourly velocity, 6.4

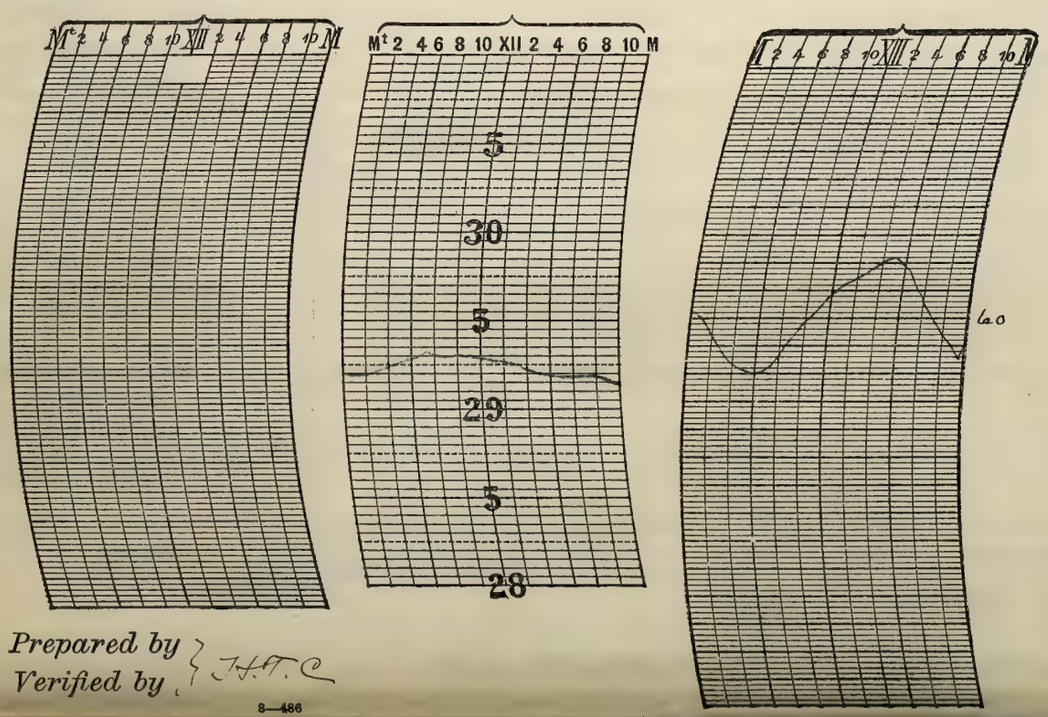
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 15 Ex 15. | E | 8.20 p.m. |

Relative humidity, 88 a. m. 69 p. m.

Reduced barometer, 30.22 a. m. 30.09 p. m.

River gage, 8.3 ft.

NOTES.




Prepared by
Verified by } J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 20 1912, 191

Time (local standard) 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 57 | 65 | 66 | 66 | 65 | 65 | 67 | 71 | 74 | 77 | 78 | 78 | 80 | 80 | 81 | 82 | 80 | 78 | 75 | 71 | 69 | 67 | 66 | 65 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | | | | Clear | | | | | | | | | |
| Sunrise: Time, 4:18 Character, Clear | | | | | 70 | 0.1 | | | | | | | | | | | | | | | Sunset: Time, 6:56 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 1.0 | 1.0 | 0.9 | 0 | | | | | |
| Wind direction | SE | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | S | SW | SW | SW | SW | SW | SW | SW | S | S | SW | SW |
| Wind movement | 5 | 9 | 15 | 17 | 17 | 15 | 16 | 19 | 22 | 22 | 23 | 23 | 24 | 20 | 22 | 21 | 18 | 15 | 13 | 9 | 10 | 14 | 12 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 82 | 54 | 68 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 13.4

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 92

Prevailing direction SW

Total movement, 390

Average hourly velocity, 16.2

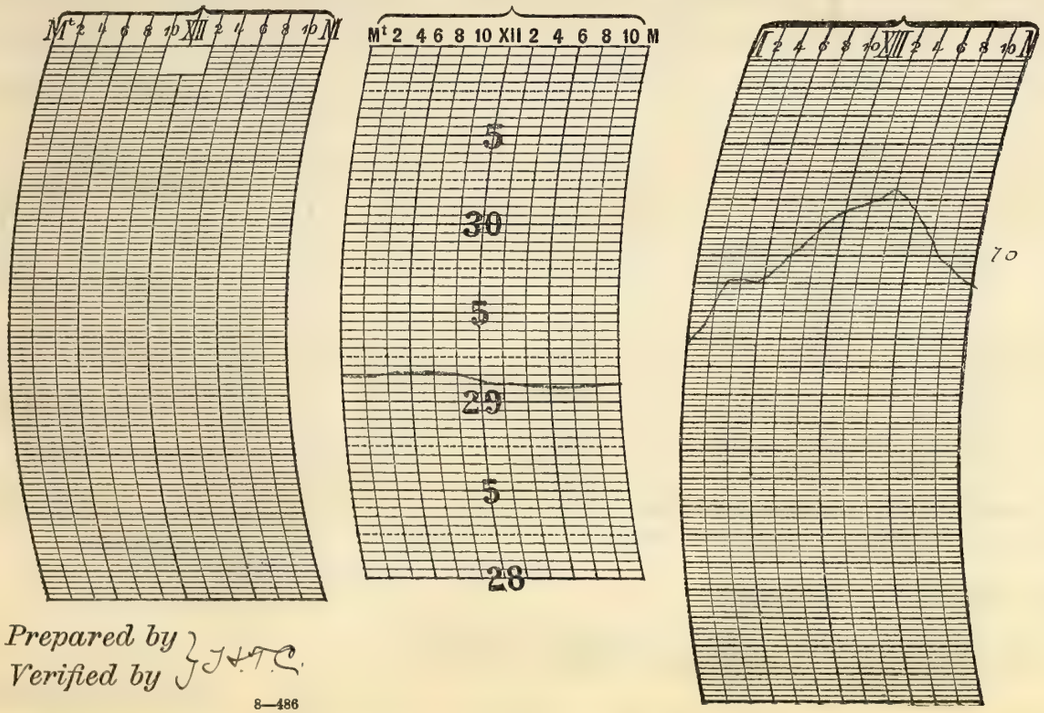
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 26 | SW | 12:40 p.m. |
| 8 & 27 | | |

Relative humidity, 80 a. m. 55 p. m.

Reduced barometer, 30.07 a. m. 29.99 p. m.

River gage, 8.1 ft

NOTES.




Prepared by
Verified by J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 21 1912, 191

Time (local standard) 75 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 65 | 64 | 63 | 62 | 63 | 65 | 67 | 68 | 73 | 75 | 77 | 80 | 81 | 82 | 83 | 83 | 82 | 80 | 76 | 74 | 72 | 70 | 69 | 68 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | Clear | | | | | | | | | | | |
| Sunrise: Time, 4.18; Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.57; Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | 0 | 0 | 0.2 | 0.4 | 0 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0 | | | | | |
| Wind direction | SW | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | S | S | S | S | S | S |
| Wind movement | 10 | 12 | 13 | 11 | 13 | 14 | 16 | 15 | 18 | 20 | 18 | 13 | 17 | 15 | 17 | 16 | 15 | 13 | 10 | 10 | 7 | 8 | 10 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 83 | 62 | 72 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 11.5 ~~6.8~~

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 79

Prevailing direction SW

Total movement, 320

Average hourly velocity, 13.3

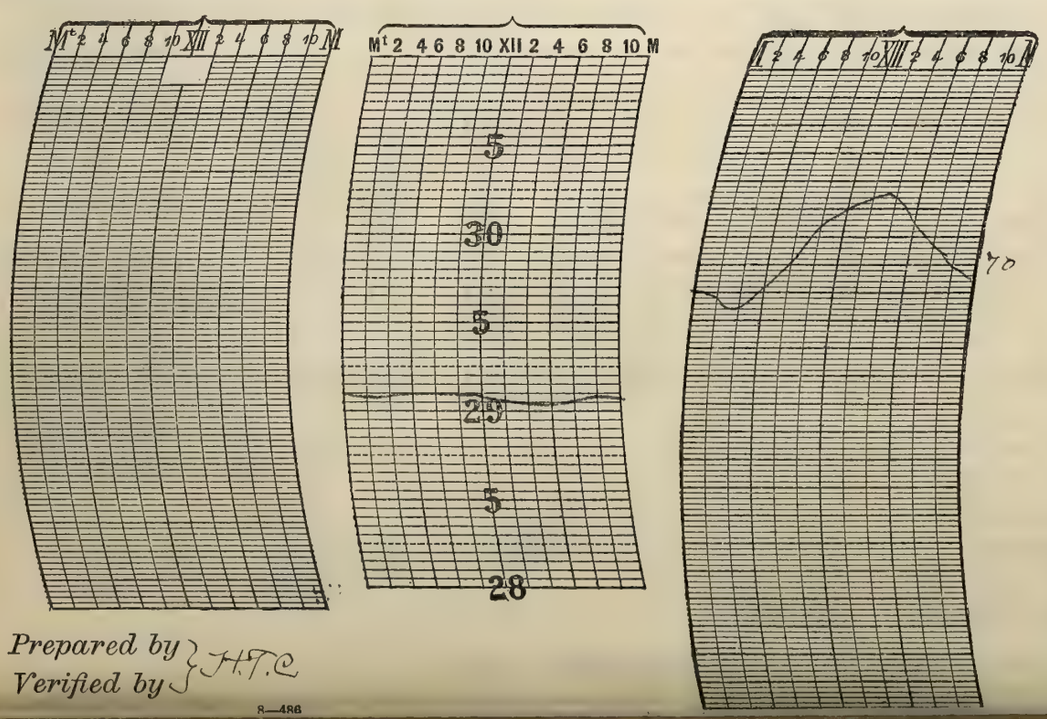
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 24 Ex 25 | SW | 9.20 a.m. |

Relative humidity, 65 a. m. 59 p. m.

Reduced barometer, 30.01 a. m. 29.97 p. m.

River gage, 6.8 ft.

NOTES.




Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met 1.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 22 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 67 | 66 | 65 | 64 | 63 | 65 | 70 | 74 | 77 | 80 | 82 | 83 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | |
| Sunrise: Time, 4.17; Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 72 0 | 0.5 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | S | S | S | S | S | S | S | S | S | SW | S | S |
| Wind movement | 9 | 8 | 8 | 9 | 9 | 9 | 9 | 13 | 15 | 18 | 24 | 25 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 83 | 83 | 84 | 82 | 80 | 79 | 78 | 75 | 73 | 72 | 70 | 69 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | Clear | | | | | | | | | | |
| Sunset: Time, 6.58; Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | 0 | | | | | |
| Wind direction | S | SW | S | S | S | S | S | S | S | S | S | S |
| Wind movement | 25 | 23 | 23 | 22 | 21 | 16 | 14 | 12 | 13 | 14 | 13 | 16 |
| Maximum velocities (exceeding 29 miles) direction and time | 30 S 12.30 | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

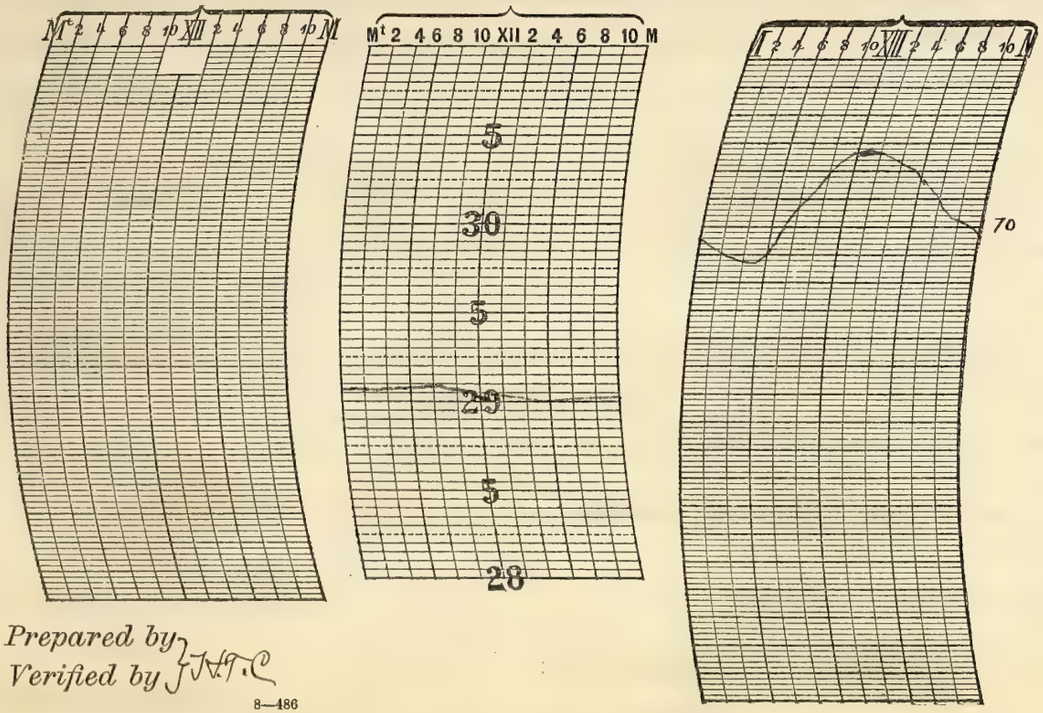
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 84 | 63 | 74 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 14.7
Possible sunshine, hours, 14.7
Percentage of possible sunshine, 100
Prevailing direction S
Total movement, 366
Average hourly velocity, 15.2

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 30 | S | 12.30 p.m. |
| Ex 32 | | |

Relative humidity, 68 a. m. 53 p. m.
Reduced barometer, 30.00 a. m. 29.89 p. m.
River gage, 5.9 ft

NOTES.




Prepared by
Verified by } J.H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 23 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
| Temperature at end of hour | 68 | 67 | 66 | 65 | 64 | 67 | 72 | 75 | 77 | 80 | 82 | 83 | 83 | 85 | 86 | 84 | 83 | 82 | 80 | 79 | 76 | 74 | 74 | 73 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | RB 4.15 RE 9.25 | | | | | | | | RB 5.20 RE 5.40 | | | | | | |
| Amounts of precipitation | | | | | | | | | | T | | | | | | | | T | | | | | | |
| Cloudiness and other conditions | | | | | | | | | — PtCloudy — | | | | | | — Clear — | | | | | | | | | |
| Sunrise: Time, 4.16 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.59 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | .73 0 | 0.4 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.4 | 0.6 .88 0.1 | | | | | | |
| Wind direction | S | S | S | S | S | S | SW | SW | SW | SW | SW | S | SW | SW | SW | S | S | S | S | SW | SW | SW | SW | SW |
| Wind movement | 14 | 10 | 9 | 10 | 12 | 14 | 16 | 20 | 17 | 16 | 16 | 16 | 19 | 19 | 21 | 18 | 15 | 12 | 17 | 17 | 11 | 9 | 11 | 11 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 86 | 64 | 75 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase, First Quarter

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 13.5

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 92

Prevailing direction SW

Total movement, 350

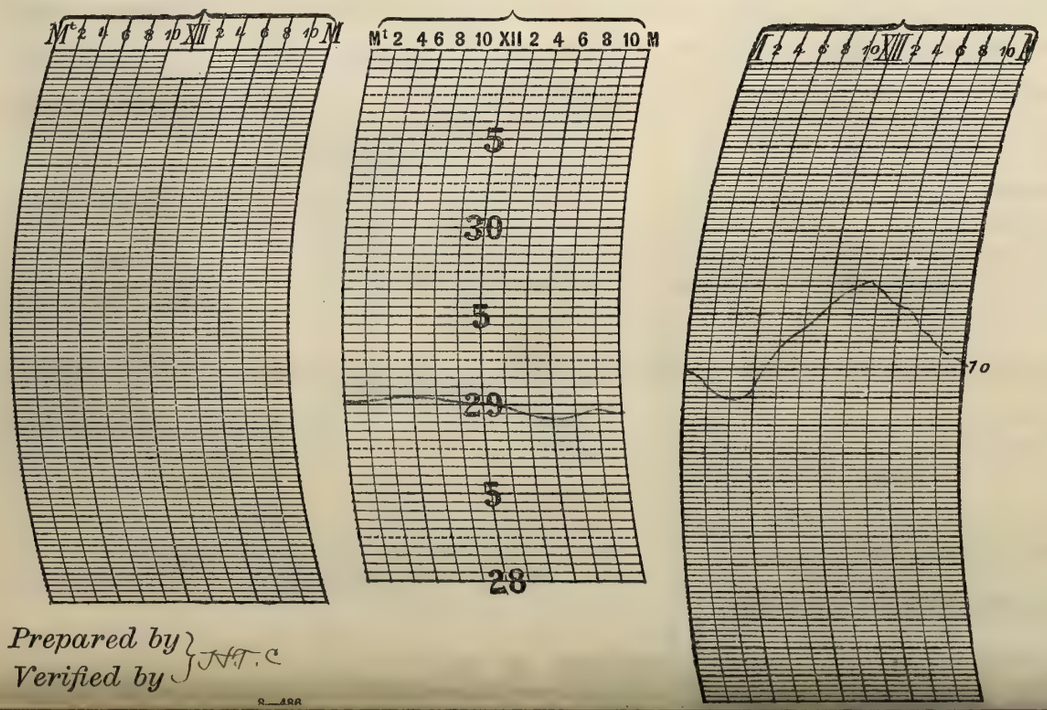
Average hourly velocity, 14.6

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 22 | S | 2.27 p.m. |
| Ex 22 | | |

| | a. m. | p. m. |
|---|---|---|
| Relative humidity, | 70 | 61 |
| Reduced barometer, | 29.93 | 29.82 |

River gage, 4.0 ft.

NOTES.




Prepared by
Verified by } J.H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 24 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 71 | 71 | 71 | 62 | 62 | 64 | 67 | 69 | 69 | 72 | 75 | 73 |
| Nature of precipitation and time of beginning and ending | | | | RB DN HB DN HE DN | TE 4.20 | | | | | | | |
| Amounts of precipitation | | | | .16 | .01 | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | |
| Sunrise: Time, Character, | 4.15 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | SW | SW | SW | SW | W | SW | W | NW | NW | NW | W | W |
| Wind movement | 10 | 8 | 5 | 16 | 6 | 12 | 10 | 17 | 17 | 13 | 12 | 13 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 76 | 76 | 75 | 74 | 71 | 69 | 66 | 63 | 61 | 61 | 60 | 59 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | |
| Sunset: Time, Character, | | | | | | | | | 7.00 Clear | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.80 0.2 | | | | | |
| Wind direction | W | W | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 13 | 17 | 16 | 16 | 15 | 13 | 11 | 8 | 8 | 5 | 5 | 4 |

State of weather. Cloudiness and other conditions: Cloudy → ← Clear

Maximum velocities (exceeding 29 miles) direction and time

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 76 | 59 | 68 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .17 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .17 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 11.6

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 78

Prevailing direction NW

Total movement, 270

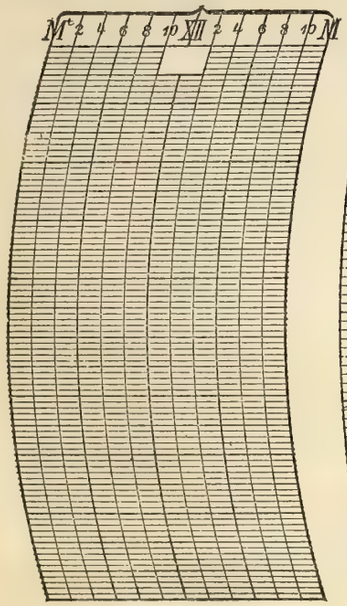
Average hourly velocity, 11.2

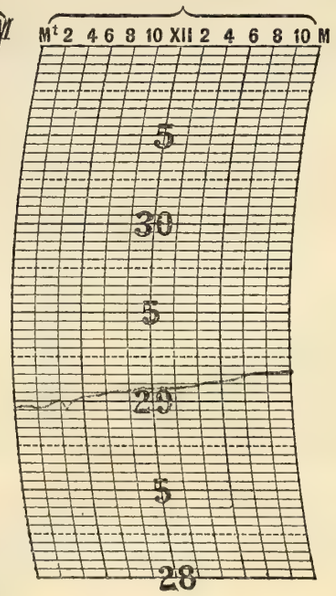
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 26 & 29 | SW | 3.25 a.m. |

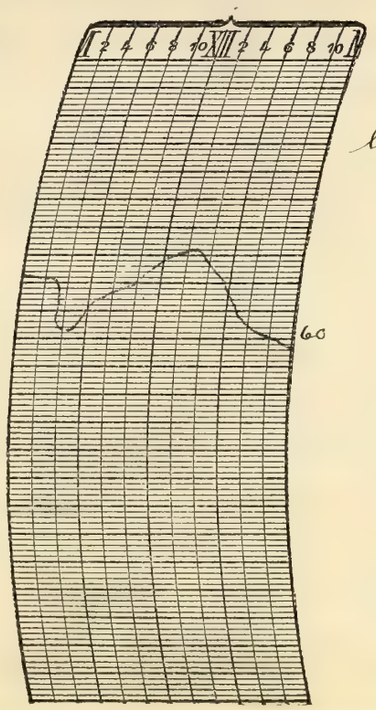
Relative humidity, 83 a. m. 62 p. m.

Reduced barometer, 29.92 a. m. 30.05 p. m.

River gage, 3.2 ft






NOTES.

A light thunderstorm accompanied by some hail occurred at 3.00 a.m.

Prepared by } J.H.T. C
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 25 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 58 | 57 | 57 | 56 | 56 | 57 | 62 | 66 | 68 | 70 | 71 | 71 | 72 | 73 | 74 | 77 | 75 | 73 | 71 | 68 | 67 | 67 | 65 | 61 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | Pt | Cloudy | | | | | | | | | | | |
| Sunrise: Time, 4.15 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.01 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.7 | 1.0 | 1.0 | 1.0 | 0.8 | 0.5 | 1.0 | 1.0 | 0.5 | 0.7 | 0.9 | 0.3 | 0 | 0 | | | | |
| Wind direction | NW | NW | NW | NW | NW | NW | N | N | NE | N | N | N | N | NW | NE | NW | S | E | E | E | E | E | E | E |
| Wind movement | 3 | 3 | 3 | 4 | 4 | 4 | 6 | 6 | 7 | 5 | 6 | 7 | 6 | 5 | 5 | 5 | 3 | 3 | 2 | 3 | 4 | 5 | 3 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 77 | 56 | 66 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 9.4

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 64

Prevailing direction NW

Total movement, 106

Average hourly velocity, 4.4

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 9 | N | 10.48 a.m. |

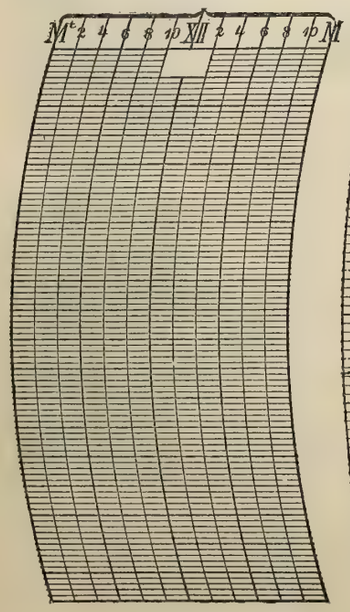
Ex. 9

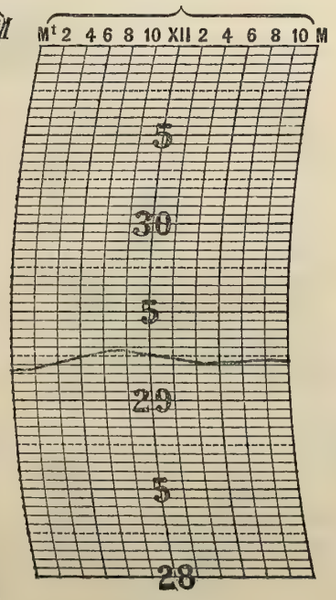
Relative humidity, 72 a. m. 54 p. m.

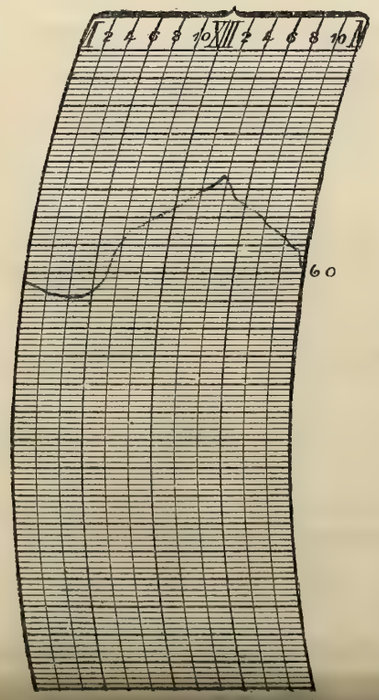
Reduced barometer, 30.19 a. m. 30.12 p. m.

River gage, 2.9 ft

NOTES.




Prepared by
Verified by } T.H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 26 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 63 | 63 | 58 | 59 | 58 | 60 | 63 | 67 | 72 | 74 | 77 | 78 | 79 | 81 | 81 | 81 | 80 | 78 | 75 | 73 | 71 | 70 | 69 | 68 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | Clear | | | | | | | Clear | | | | | | | | | | | |
| Sunrise: Time, 4.14; Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.02; Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | .77 0 | 0.7 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 | 0 | 0 | | | | |
| Wind direction | SE | SE | SE | SE | SE | SE | S | S | S | S | SW | S | S | S | S | SW | S | S | SE | SE | SE | SE | S | S |
| Wind movement | 4 | 4 | 3 | 3 | 2 | 4 | 10 | 8 | 10 | 11 | 10 | 10 | 10 | 10 | 10 | 9 | 11 | 7 | 6 | 7 | 8 | 9 | 9 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 81 | 58 | 70 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 13.0

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 88

Prevailing direction S

Total movement, 182

Average hourly velocity, 7.6

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 | SW | 9.57 a.m. |

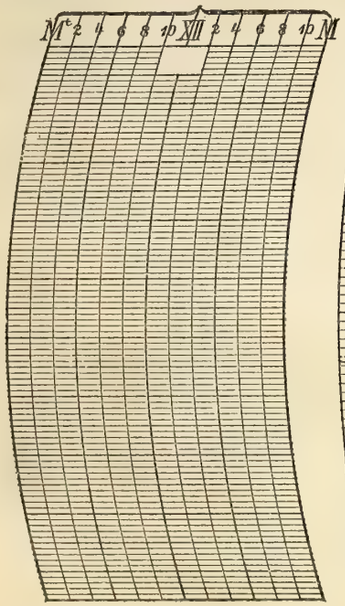
Ex 17

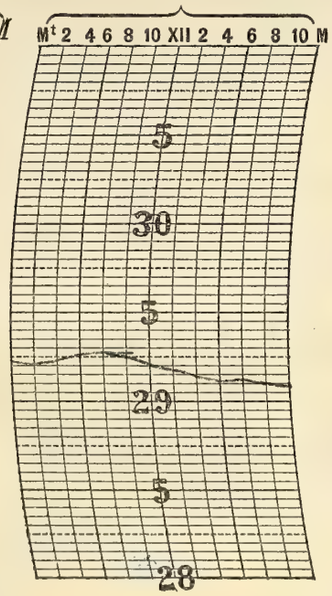
Relative humidity, 62 a. m. 51 p. m.

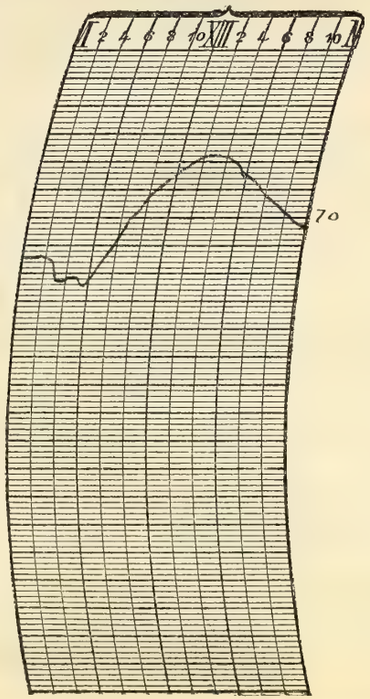
Reduced barometer, 30.20 a. m. 30.02 p. m.

River gage, 3.5 ft.

NOTES.






Prepared by
Verified by J.H.P.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 27 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 66 | 65 | 64 | 65 | 65 | 65 | 67 | 70 | 72 | 67 | 77 | 83 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | RB 7.20 RE 7.40 | RB 8.45 | RE 9.20 | | |
| Amounts of precipitation | | | | | | | | T | T | T | | |
| Cloudiness and other conditions | | | | | | | Pt Cloudy | | | | | |
| Sunrise: Time, 4.13 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.3 | 0.7 | 0.6 | 0.3 | 1.0 | 1.0 |
| Wind direction | SE | SE | SE | S | SE | SE | S | S | S | S | S | S |
| Wind movement | 7 | 6 | 9 | 11 | 12 | 13 | 12 | 16 | 16 | 14 | 16 | 18 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 86 | 84 | 84 | 83 | 82 | 81 | 79 | 77 | 76 | 76 | 76 | 74 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Pt Cloudy | | | | | | | | | |
| Sunset: Time, 7.03 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 0.7 | 1.0 | 0.8 | 0.2 | 0 | 0 | | | | |
| Wind direction | SW | SW | S | S | S | S | S | S | S | S | S | S |
| Wind movement | 22 | 21 | 16 | 19 | 17 | 14 | 12 | 12 | 15 | 15 | 17 | 14 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts. | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 86 | 64 | 75 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 8.6

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 58

Prevailing direction S

Total movement, 344

Average hourly velocity, 14.3

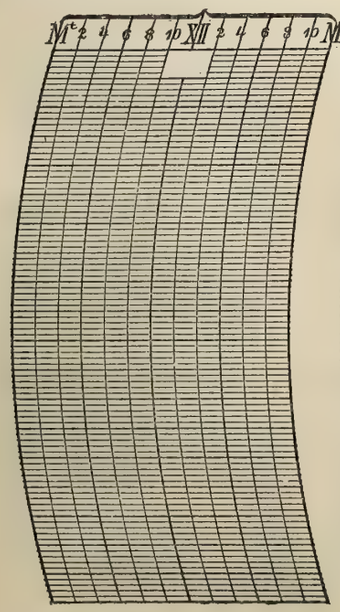
Maximum velocity, 25 Direction, SW Time. 12.30 p.m.

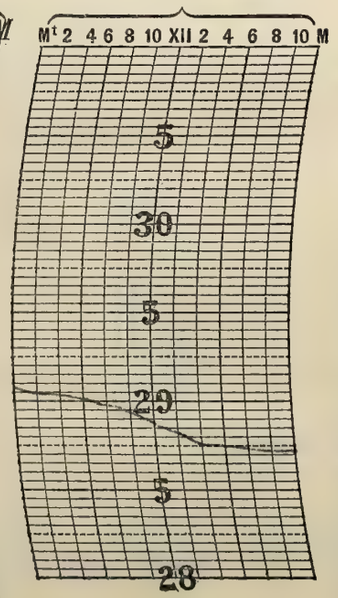
Ex 26

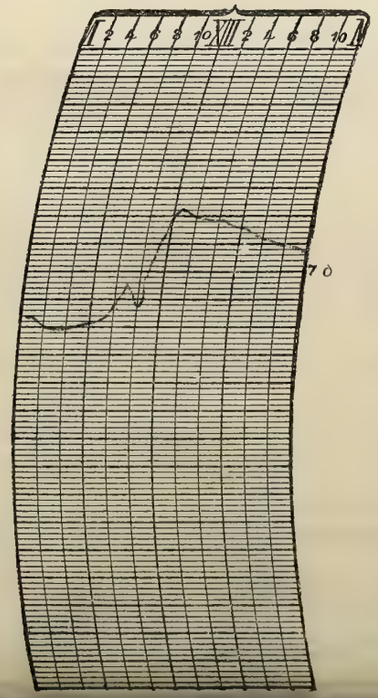
Relative humidity, 76 a. m. 59 p. m.

Reduced barometer, 29.89 a. m. 29.64 p. m.

River gage, 3.2 ft.






NOTES.

A light thunderstorm occurred at 8.40 a.m.

Prepared by
Verified by } H.T.C

8—486

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 28 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 73 | 73 | 70 | 69 | 69 | 65 | 64 | 64 | 66 | 67 | 67 | 68 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | RB DN | | | | RE 8.20 | | | |
| Amounts of precipitation | | | | | .02 | T | T | .04 | T | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | |
| Sunrise: Time, 4.13 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 |
| Wind direction | S | S | W | S | S | SW | SW | S | S | S | S | S |
| Wind movement | 15 | 14 | 10 | 2 | 8 | 8 | 10 | 9 | 11 | 13 | 15 | 13 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 68 | 69 | 67 | 66 | 69 | 70 | 69 | 69 | 68 | 66 | 65 | 62 |
| State of weather: Nature of precipitation and time of beginning and ending | | | RB 2.20 | RE 3.15 | | | | | | | RB 10.05 RE 10.15 | |
| Amounts of precipitation | | | .03 | T | | | | | | | T | |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunset: Time, 7.03 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0.1 | 0 | 0 | 0.5 | 0 | 0.1 | 0 | | | | |
| Wind direction | SW | SW | S | SW | SW | SW | SW | SW | SW | SW | W | W |
| Wind movement | 14 | 12 | 10 | 12 | 16 | 12 | 8 | 5 | 2 | 4 | 8 | 4 |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

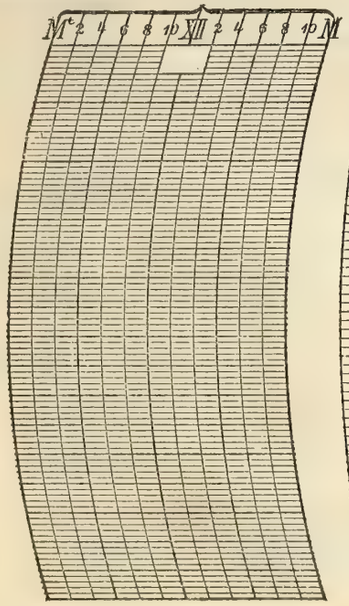
1 hours slower than 75th meridian time.

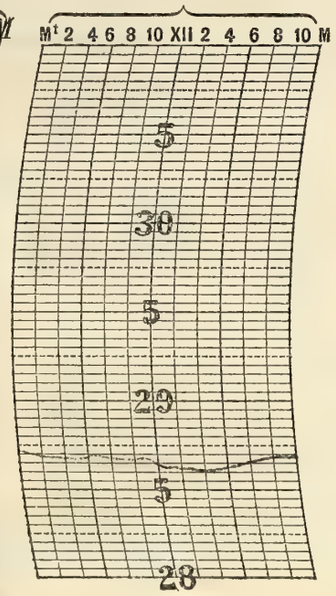
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 74 | 62 | 68 | |

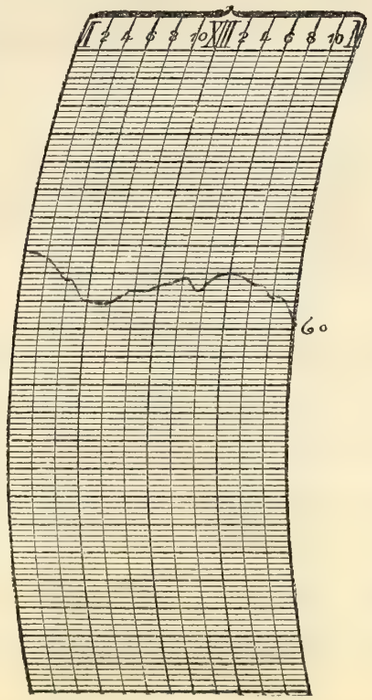
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .07 ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 9
Actual sunshine, hours, 0.8
Possible sunshine, hours, 14.8
Percentage of possible sunshine, 5
Prevailing direction SW
Total movement, 235
Average hourly velocity, 9.8

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 Ex 20 | SW | 4.10 p.m. |

Relative humidity, 92 a. m. 83 p. m.
Reduced barometer, 29.58 a. m. 29.52 p. m.
River gage, 3.1 ft.






NOTES.

A light thunderstorm occurred at 5.00 a.m.

Prepared by
Verified by } J.H.T.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 29 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 58 | 57 | 57 | 56 | 58 | 61 | 62 | 62 | 60 | 62 | 60 | 59 | 60 | 59 | 59 | 58 | 57 | 56 | 55 | 53 | 52 | 51 | 50 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | RB 7.10 RE 7.20 | | | | RB 11.05 | RE 12.45 | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | T | | | | .03 | T | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | Cloudy | | | | | | | | | | | |
| Sunrise: Time, 4.12 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.04 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| Wind direction | SW | SW | W | W | W | W | W | W | N | NW | NW | N | NE | N | N | N | N | N | N | N | N | N | NE | NW |
| Wind movement | 7 | 6 | 5 | 4 | 3 | 3 | 6 | 5 | 6 | 6 | 6 | 12 | 11 | 13 | 10 | 11 | 10 | 12 | 9 | 7 | 9 | 7 | 6 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 62 | 50 | 56 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .03 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0.1

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 1

Prevailing direction N

Total movement, 180

Average hourly velocity, 7.5

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 | N | 11.50 a.m. |

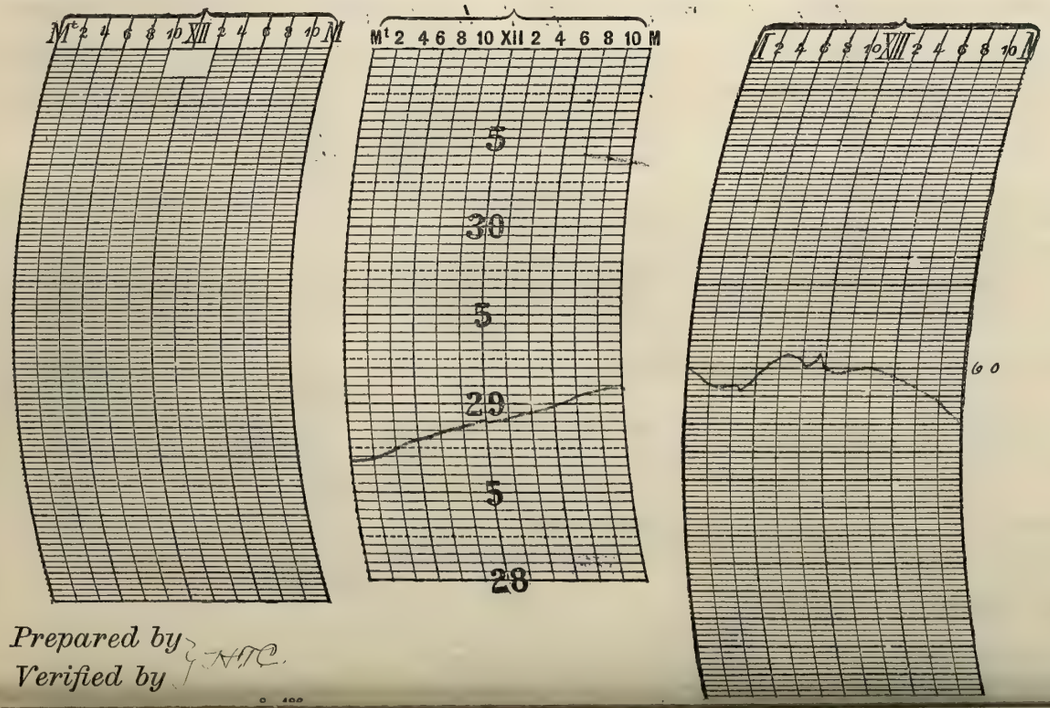
Ex 16

Relative humidity, 92 a. m. 89 p. m.

Reduced barometer, 29.70 a. m. 29.93 p. m.

River gage, 3.1 ft.

NOTES.




Prepared by
Verified by J. H. C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 30 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 49 | 48 | 50 | 50 | 50 | 51 | 52 | 53 | 55 | 57 | 51 | 61 | 62 | 65 | 68 | 72 | 70 | 67 | 66 | 65 | 64 | 62 | 60 | 68 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | Cloudy | — | | | | — | Clear | | | | — | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0.2 | 1.0 | 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 0.1 | 0.8 0 | | | | |
| Wind direction | NW | N | N | N | N | N | N | N | NW | N | N | NE | N | NE | NE | NE | NE | SE | SE | SE | SE | SE | SE | SE |
| Wind movement | 5 | 5 | 7 | 4 | 4 | 4 | 3 | 5 | 6 | 7 | 7 | 7 | 8 | 7 | 3 | 4 | 3 | 5 | 3 | 6 | 6 | 5 | 3 | 3 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 4.12 Character, Cloudy

Sunset: Time, 7.05 Character, Clear

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 72 | 48 | 60 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, Full Moon

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 10.7

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 72

Prevailing direction N

Total movement, 120

Average hourly velocity, 5.0

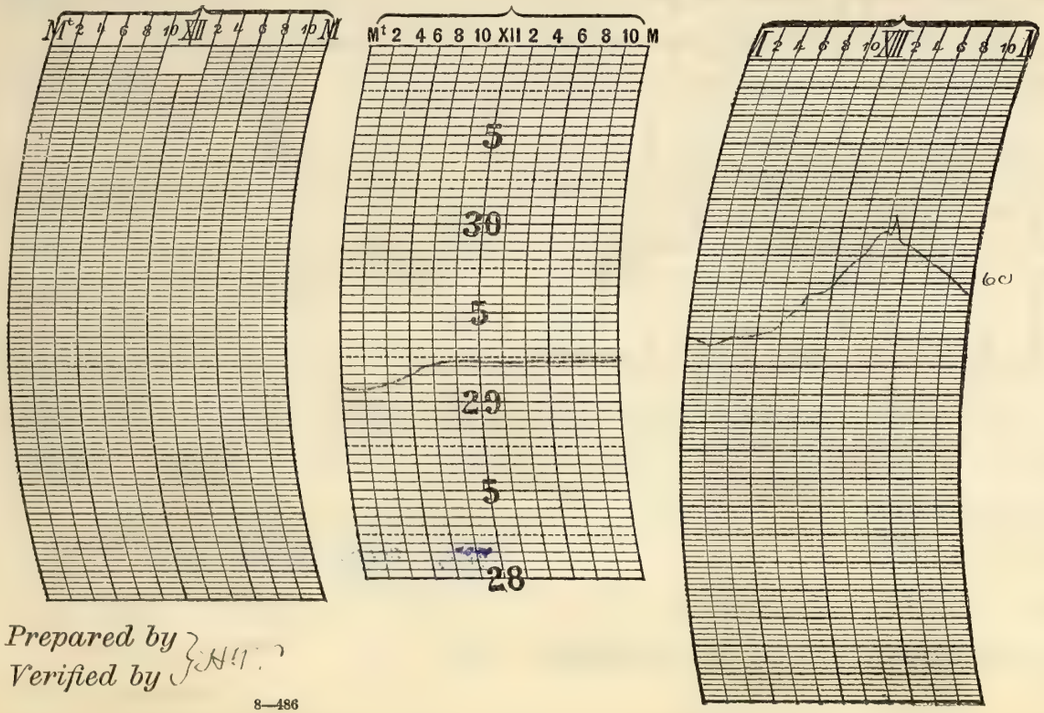
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 10 Ex 10 | N | 12.10 p.m. |

Relative humidity, 94 a. m. 76 p. m.

Reduced barometer, 30.12 a. m. 30.11 p. m.

River gage, 3.2 ft.

NOTES.




Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

MAY 31 1912

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) _____, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 56 | 56 | 55 | 54 | 52 | 54 | 60 | 64 | 66 | 70 | 72 | 73 | 74 | 75 | 78 | 79 | 78 | 76 | 75 | 73 | 70 | 68 | 67 | 65 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — | | Clear | | | | | | | Clear | | | | | | | | | |
| Sunrise: Time, 4.11 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.06 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | .82 0 | .02 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | .07 0.3 | .10 0 | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | S | S | SE | S | SE | SE | S | S | S | S | SW | SW | S | S | S | S |
| Wind movement | 4 | 2 | 2 | 2 | 2 | 4 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 8 | 6 | 9 | 7 | 7 | 6 | 6 | 6 | 5 | 5 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

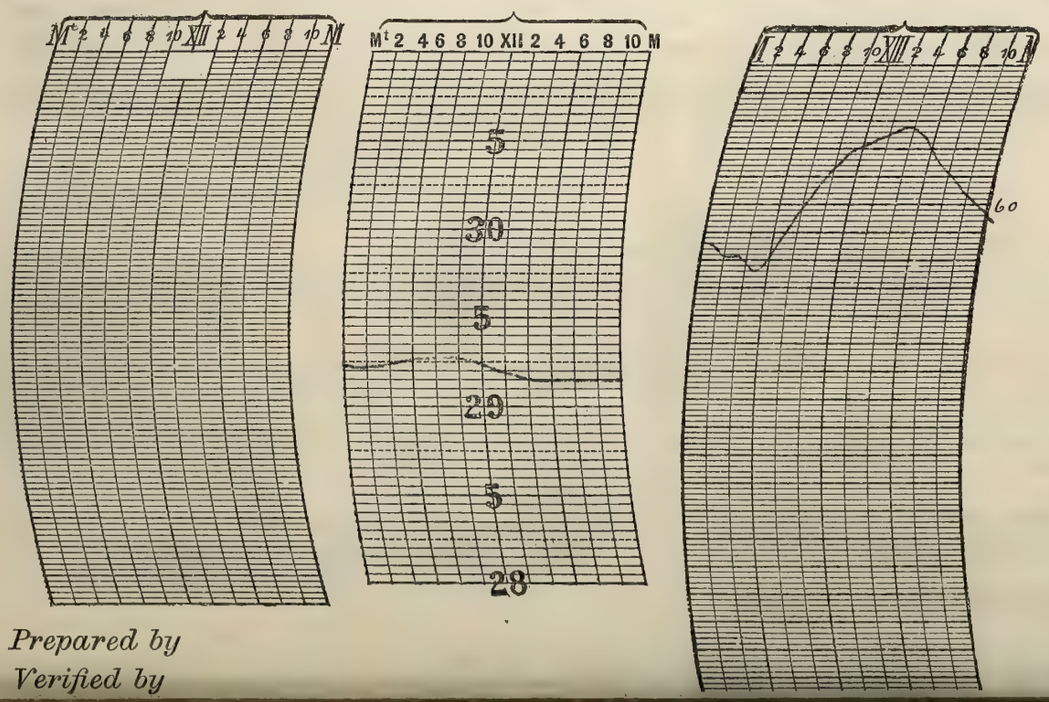
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 79 | 52 | 66 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, _____
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 14.9
Possible sunshine, hours, 14.9
Percentage of possible sunshine, 100
Prevailing direction S
Total movement, 131
Average hourly velocity, 4.2

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 11 | S | 3.02 p.m. |
| Ex 11 | | |

Relative humidity, 86 a. m. 70 p. m.
Reduced barometer, 30.19 a. m. 30.04 p. m.
River gage, 3.2 ft.

NOTES.




*Prepared by*
*Verified by*

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 1 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 62 | 61 | 60 | 59 | 58 | 59 | 66 | 71 | 75 | 76 | 78 | 79 | 80 | 81 | 82 | 82 | 81 | 80 | 79 | 77 | 75 | 73 | 72 | 72 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | | Clear | | | | | | | | | |
| Sunrise: Time, 4.11; Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.07; Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | .82 0 | .04 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0 | 0 | | | | |
| Wind direction | S | S | S | S | S | S | SW | S | SW | SW | SW | SW | S | SW | S | SW | SW | SW | SW | S | S | S | S | SW |
| Wind movement | 6 | 6 | 5 | 3 | 5 | 6 | 7 | 7 | 10 | 13 | 14 | 13 | 12 | 14 | 13 | 16 | 15 | 10 | 7 | 7 | 6 | 7 | 8 | 10 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 82 | 58 | 70 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 13.7

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 92

Prevailing direction S

Total movement, 220

Average hourly velocity, 9.2

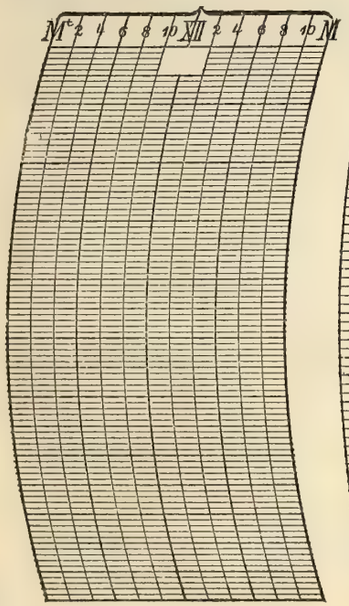
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 18 Ex 20 | SW | 4.15 p.m. |

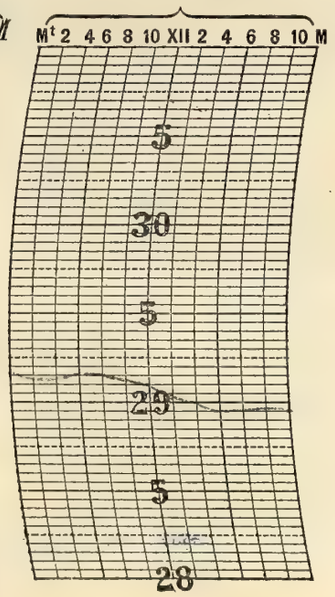
Relative humidity, 80 a. m. 64 p. m.

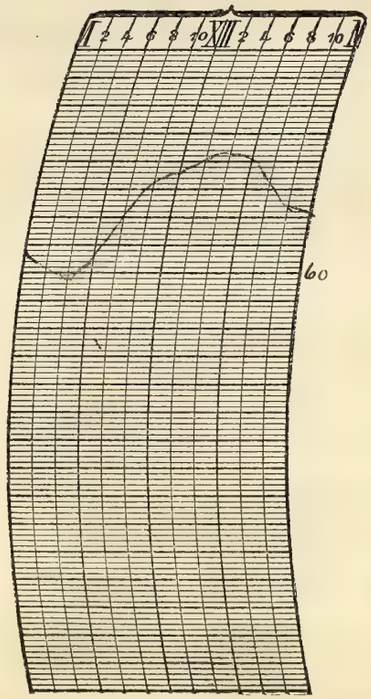
Reduced barometer, 30.05 a. m. 29.88 p. m.

River gage, 2.9 ft.

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 2 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 70 | 68 | 67 | 66 | 65 | 64 | 65 | 61 | 62 | 66 | 64 | 63 |
| | | | | RB DN | | | | | RE 8.20 | | | |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | T | 0.5 | .01 | T | .02 | T | | | |
| Cloudiness and other conditions | | | | | | Cloudy | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0 | 0.1 | 0.1 | 0.2 |
| Wind direction | SW | SW | SW | S | S | S | S | SW | SW | SW | SW | SW |
| Wind movement | 8 | 7 | 7 | 9 | 8 | 7 | 11 | 17 | 18 | 19 | 22 | 22 30 SW 11.30 |

Sunrise: Time, 4.10; Character, Cloudy

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 61 | 62 | 64 | 60 | 62 | 63 | 64 | 61 | 59 | 58 | 57 | 56 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | Cloudy | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0.2 | 0.3 | 0.5 | 0 | 0 | | | | |
| Wind direction | SW | SW | SW | W | W | W | SW | SW | SW | SW | SW | SW |
| Wind movement | 21 | 21 | 19 | 17 | 15 | 12 | 10 | 8 | 9 | 9 | 10 | 9 |

Sunset: Time, 7.07; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 72 | 56 | 64 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 2.0

Possible sunshine, hours, 15.0

Percentage of possible sunshine, ~~15.0~~ 13

Prevailing direction SW

Total movement, 315

Average hourly velocity, 13.1

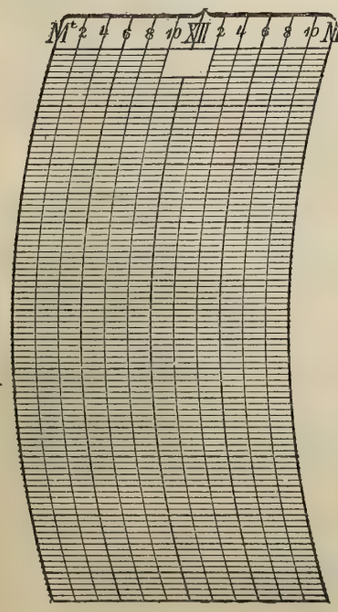
Maximum velocity, 30 ~~Mta 29~~ Ex 30; Direction, SW; Time: 11.30 a.m.

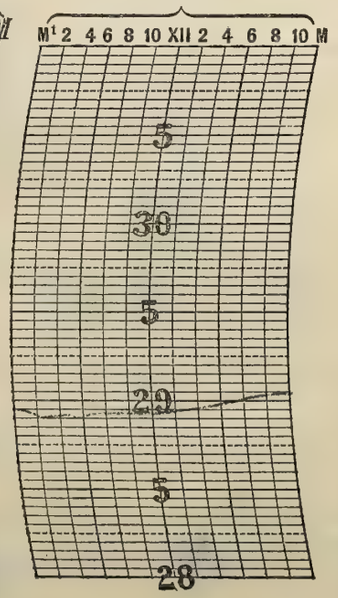
Relative humidity, 97 a. m., 79 p. m.

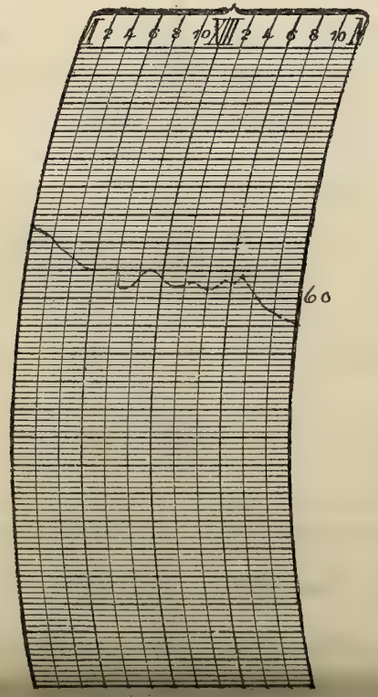
Reduced barometer, 29.84 a. m., 29.94 p. m.

River gage, 2.8 ft.

NOTES.






Prepared by
Verified by J.H.T.C.

8—486

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 3 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 56 | 56 | 55 | 54 | 54 | 56 | 61 | 66 | 70 | 73 | 75 | 77 | 78 | 80 | 81 | 81 | 80 | 78 | 76 | 74 | 72 | 70 | 65 | 63 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | | | | Clear | | | | | | | | | |
| Sunrise: Time, 4.10 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.08 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | .83 0 | 0.3 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 0 | .13 0 | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | N | N |
| Wind movement | 9 | 8 | 8 | 8 | 7 | 10 | 11 | 12 | 15 | 19 | 18 | 18 | 18 | 18 | 18 | 18 | 16 | 13 | 9 | 10 | 10 | 11 | 7 | 5 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 81 | 54 | 68 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 15.0

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 296

Average hourly velocity, 12.4

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 23 | SW | 2.10 p.m. |

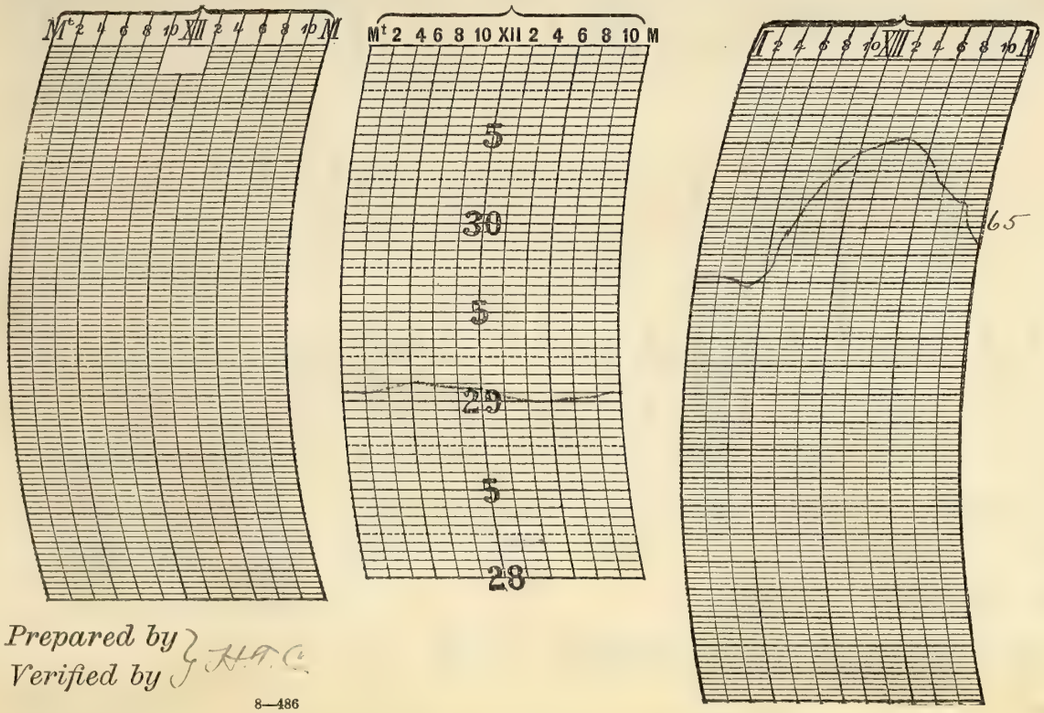
Ex 23

Relative humidity, 88 a. m. 83 p. m.

Reduced barometer, 30.03 a. m. 29.92 p. m.

River gage, 2.8 ft.

NOTES.




Prepared by
Verified by H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 4 1912, 191

Time (local standard) 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 62 | 62 | 61 | 59 | 58 | 59 | 60 | 63 | 66 | 67 | 69 | 70 |
| State of weather: Nature of precipitation and time of beginning and ending | | | RB DN | RE DN | | | | | | | | |
| Amounts of precipitation | | | T | .04 | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Pt Cloudy | | | | | |
| Sunrise: Time, 4.10 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | NW | NW | W | W | SW | W | W | W | W | W | W | W |
| Wind movement | 4 | 5 | 5 | 5 | 5 | 6 | 8 | 11 | 11 | 12 | 16 | 20 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 71 | 72 | 71 | 70 | 68 | 66 | 64 | 62 | 60 | 58 | 57 | 55 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Clear | | | | | | | | | |
| Sunset: Time, 7.09 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | .02 | 0 | | | | |
| Wind direction | W | W | W | NW | NW | NW | NW | NW | N | N | N | N |
| Wind movement | 21 | 25 | 21 | 20 | 20 | 13 | 12 | 7 | 7 | 4 | 3 | 3 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 72 | 55 | 64 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 11.2

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 75

Prevailing direction W

Total movement, 264

Average hourly velocity, 11.0

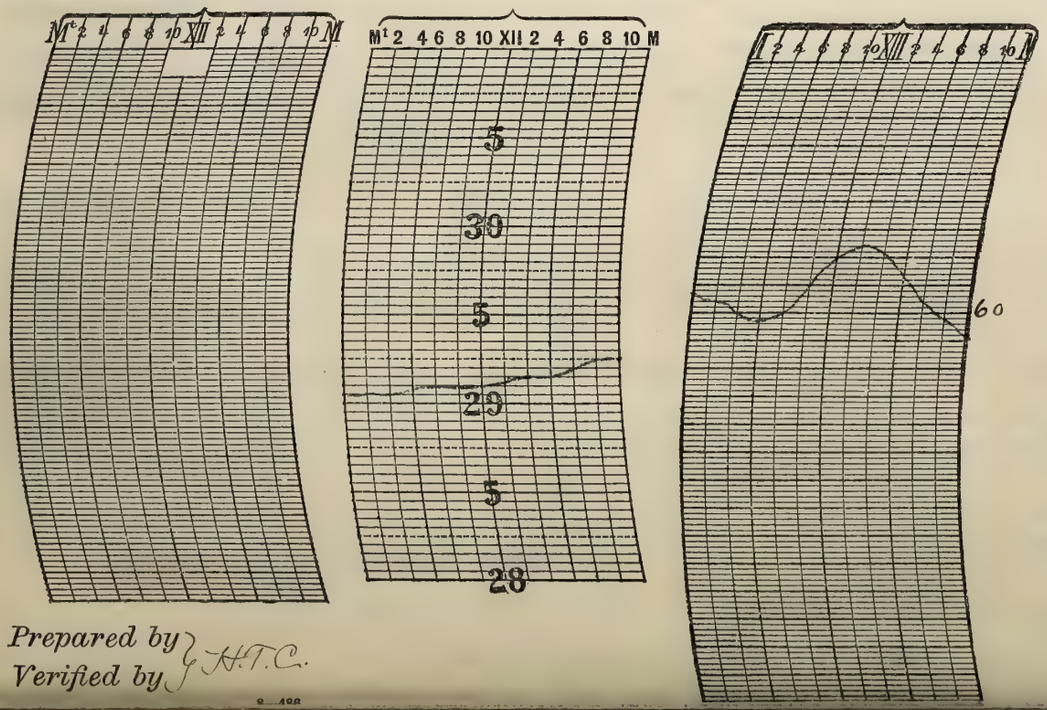
| Maximun. velocity, | Direction, | Time. |
|---|---|---|
| 29 Ex 29 | W | 1.46 pm. |

Relative humidity, 89 a. m. 82 p. m.

Reduced barometer, 30.01 a. m. 30.13 p. m.

River gage, 27 ft

NOTES.




Prepared by
Verified by } H.T.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 5 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 56 | 55 | 54 | 52 | 51 | 54 | 62 | 63 | 65 | 68 | 70 | 71 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | Clear | | | | | | |
| Sunrise: Time, 4.09 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | N | NE | E | E | E | SE | SE | SW | SW | SW | SW | SW |
| Wind movement | 2 | 2 | 1 | 1 | 1 | 2 | 3 | 4 | 6 | 6 | 8 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 73 | 75 | 77 | 78 | 77 | 76 | 74 | 73 | 71 | 69 | 68 | 66 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | Clear | | | | | | | |
| Sunset: Time, 7.09 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0 | 0 | 0 | | | | |
| Wind direction | SW | SW | SW | SW | S | S | S | SW | S | S | S | S |
| Wind movement | 10 | 9 | 8 | 7 | 7 | 5 | 5 | 7 | 8 | 8 | 6 | 9 |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 78 | 51 | 64 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 12.7

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 85

Prevailing direction SW

Total movement, 134

Average hourly velocity, 5.6

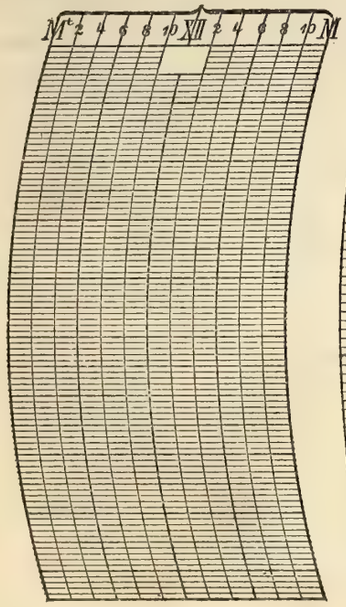
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 | SW | 11.15 a.m |
| Ex 12 | | |

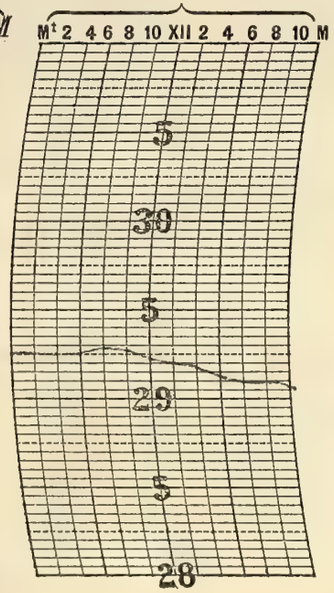
Relative humidity, 76 a. m. 70 p. m.

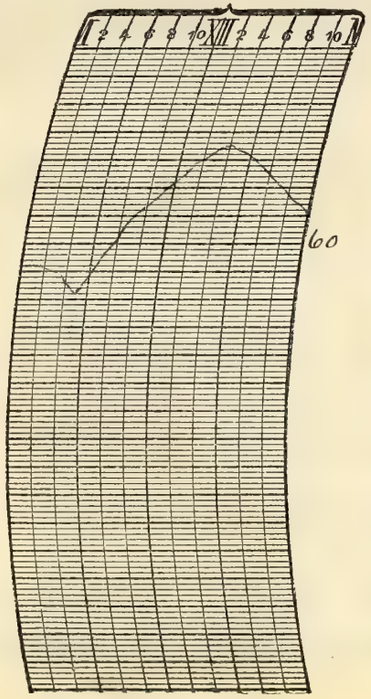
Reduced barometer, 30.21 a. m. 30.03 p. m.

River gage, 2.7 ft

NOTES.






Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 6 1912, 191

Time (local standard) 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 66 | 65 | 65 | 64 | 63 | 64 | 64 | 65 | 66 | 67 | 68 | 67 | 68 | 67 | 67 | 67 | 66 | 64 | 62 | 60 | 58 | 56 | 54 | 52 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | | Clear | | | | | | | | | | | |
| Sunrise: Time, 4.09 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.10 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 0.4 | .1 0 | | | | |
| Wind direction | S | SW | SW | SW | SW | W | W | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 8 | 7 | 9 | 10 | 9 | 8 | 12 | 13 | 20 | 20 | 18 | 19 | 20 | 19 | 19 | 19 | 19 | 17 | 12 | 8 | 6 | 6 | 6 | 4 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 68 | 52 | 60 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 11.7

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 78

Prevailing direction NW

Total movement, 308

Average hourly velocity, 12.8

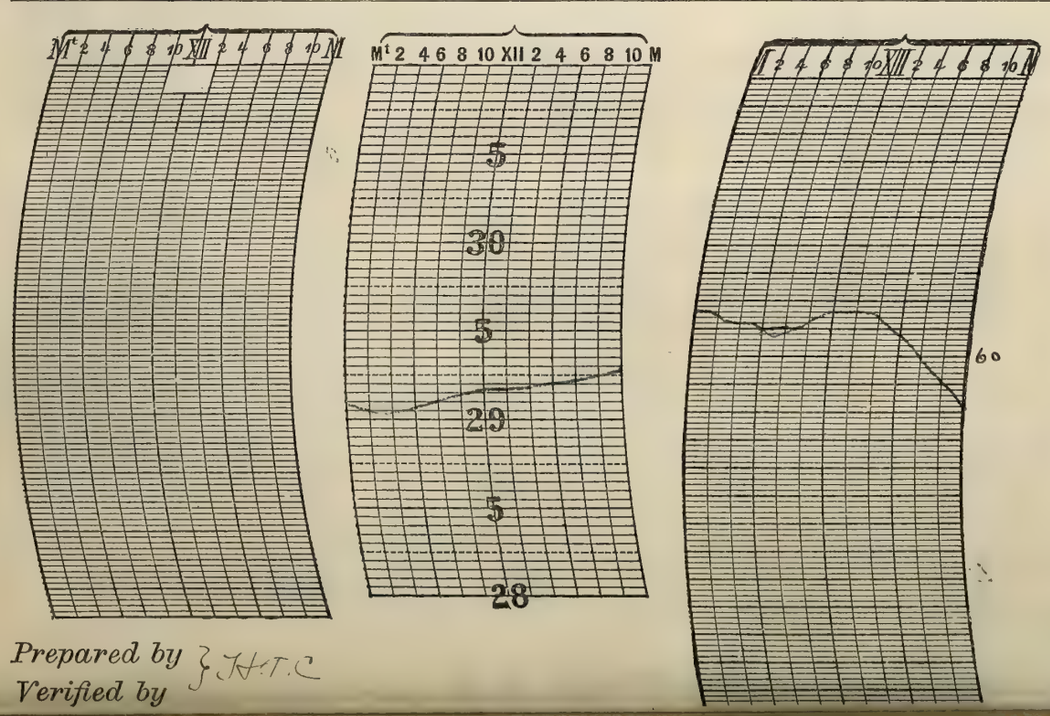
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 26 Ex 27 | NW | 2.40 p.m. |

Relative humidity, 85 a. m. 60 p. m.

Reduced barometer, 29.99 a. m. 30.14 p. m.

River gage, 2.6 ft

NOTES.




Prepared by } H.T.C
Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 7 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
| Temperature at end of hour | 51 | 50 | 49 | 48 | 47 | 50 | 53 | 55 | 57 | 58 | 59 | 59 | 61 | 62 | 63 | 62 | 61 | 60 | 59 | 57 | 55 | 53 | 51 | 50 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | | | | Clear | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 4.09 Character, Clear | | | | 85 0 | 0.3 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 0.3 | 1.7 0 | Sunset: Time, 7.10 Character, Clear | | | |
| Wind direction | NW | NW | NW | NW | N | N | N | N | N | N | N | NW | NW | NW | NW | N | N | N | N | N | N | N | N | N |
| Wind movement | 5 | 7 | 5 | 4 | 7 | 5 | 8 | 8 | 10 | 10 | 10 | 10 | 15 | 12 | 12 | 13 | 11 | 11 | 9 | 9 | 7 | 8 | 5 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 63 | 47 | 55 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase Last Quarter

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 15.0

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 100

Prevailing direction N

Total movement, 205

Average hourly velocity, 8.5

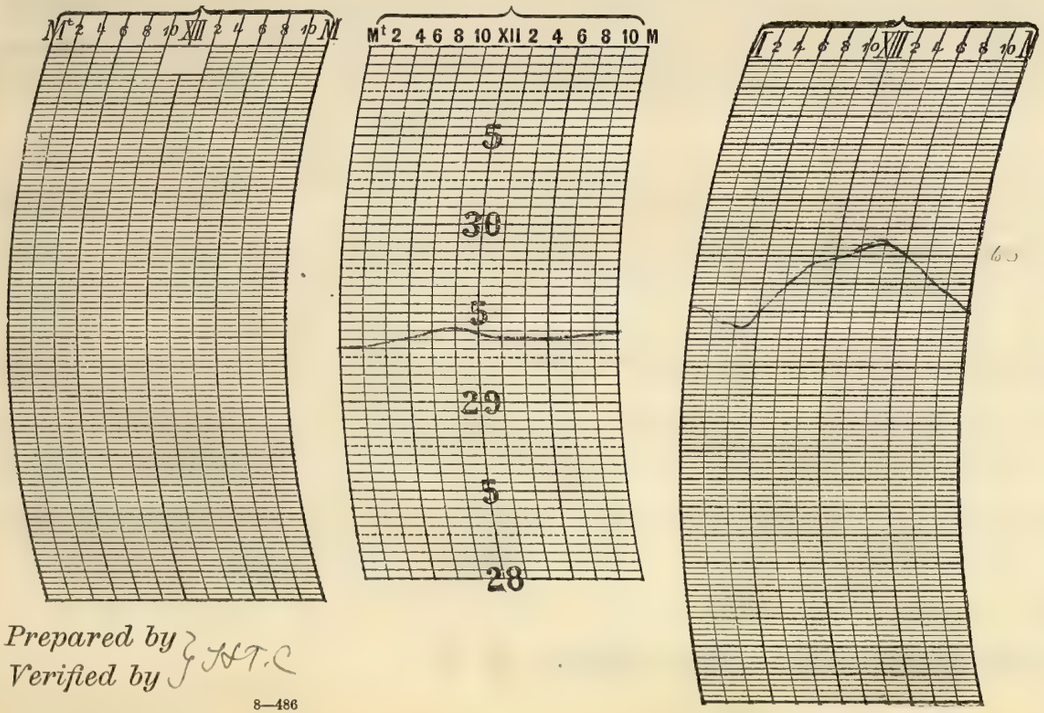
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 Ex 17 | NW | 12.27 p.m. |

Relative humidity, 74 a. m. 63 p. m.

Reduced barometer, 30.31 a. m. 30.31 p. m.

River gage, 2.5 ft.

NOTES.




Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

JUN 8 1912

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) _____, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 49 | 47 | 44 | 43 | 44 | 47 | 54 | 57 | 60 | 63 | 65 | 67 | 69 | 70 | 71 | 71 | 70 | 69 | 68 | 65 | 59 | 58 | 56 | 54 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | — | | | Clear | | | — | | — | | Clear | | | | — | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 4.09 Character, Clear | | | | 85 0 | 02 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 0.3 | 18 0 | Sunset: Time, 7.11 Character, Clear | | | |
| Wind direction | NE | NE | N | N | N | N | NW | NW | NW | N | N | N | N | N | N | NW | NW | N | NW | NW | NW | NW | NW | NW |
| Wind movement | 3 | 2 | 3 | 4 | 2 | 2 | 3 | 4 | 5 | 5 | 6 | 7 | 6 | 6 | 7 | 7 | 7 | 8 | 7 | 6 | 6 | 7 | 5 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 71 | 43 | 57 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 15.0

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 100

Prevailing direction N, NW

Total movement, 122

Average hourly velocity, 5.1

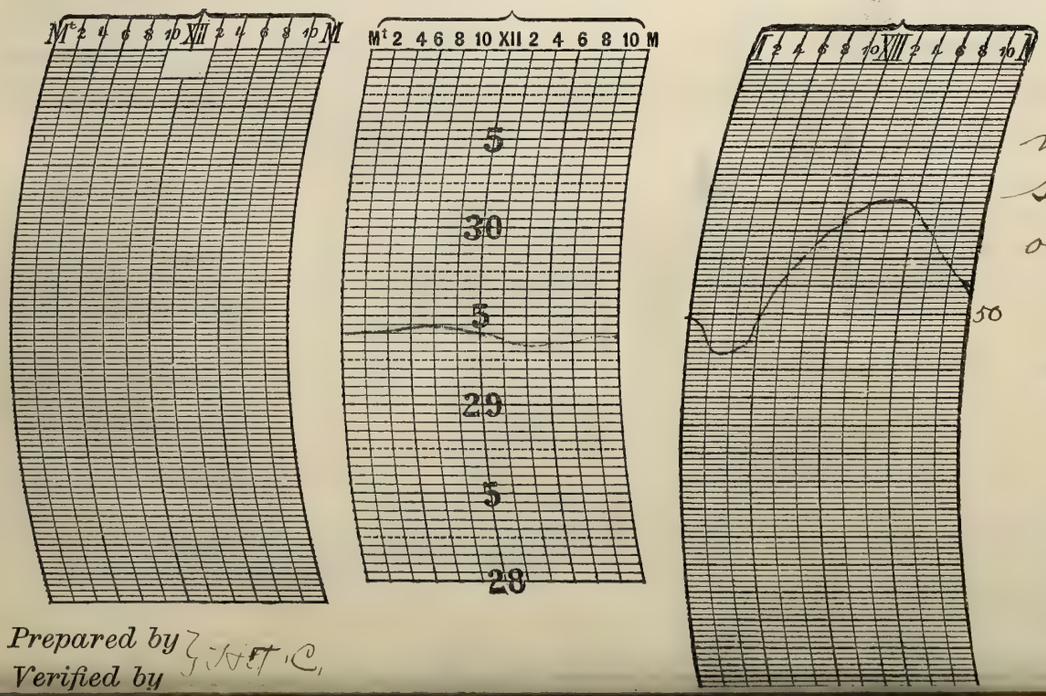
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 11 Ex. 11. | N | 11.10 a.m. |

Relative humidity, 67 a. m. 65 p. m.

Reduced barometer, 30.38 a. m. 30.28 p. m.

River gage, 2.5 ft.

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |




NOTES.

Light frost was reported in the morning ~~for~~ by farmers in the surrounding country but none occurred at the station.

Prepared by J. H. T. C.

Verified by _____

Form No. 1014—Met'l.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 9 1912, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 53 | 52 | 52 | 52 | 50 | 54 | 58 | 62 | 67 | 70 | 71 | 72 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | Clear | — | | | |
| Sunrise: Time, 4.08 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | NW | NW | NW | NW | N | N | N | N | NE | NE | NE | NE |
| Wind movement | 4 | 5 | 4 | 5 | 3 | 6 | 6 | 8 | 9 | 7 | 7 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 73 | 73 | 74 | 74 | 74 | 73 | 70 | 68 | 65 | 63 | 60 | 58 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | — | Clear | | | — | | | | | |
| Sunset: Time, 7.12 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0 | | | | |
| Wind direction | NE | NE | E | NE | NE | NE | NE | NE | NE | NE | E | E |
| Wind movement | 6 | 7 | 6 | 7 | 6 | 7 | 5 | 5 | 8 | 8 | 8 | 8 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 74 | 50 | 62 | |

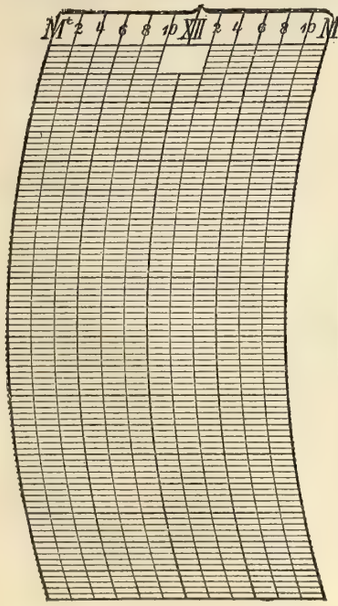
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear; Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 15.1
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 100
Prevailing direction NE
Total movement, 151
Average hourly velocity, 6.3

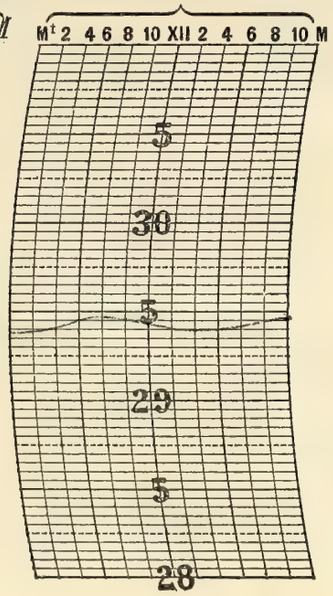
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 11 | NE | 8.42 a.m. |

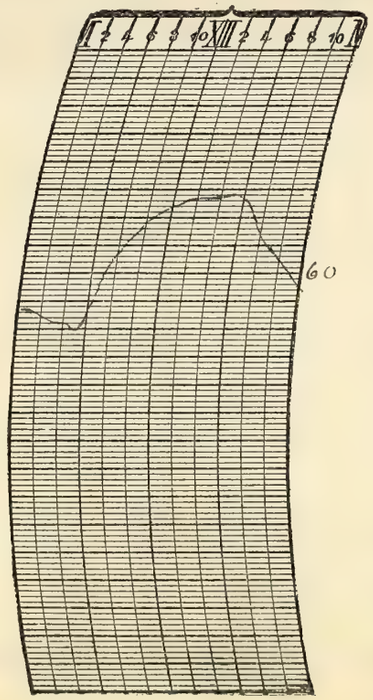
Relative humidity, 59 a. m. 50 p. m.
Reduced barometer, 30.34 a. m. 30.33 p. m.
River gage, 2.4 ft.

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 10 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 56 | 54 | 52 | 51 | 49 | 52 | 58 | 63 | 67 | 70 | 73 | 75 | 76 | 77 | 78 | 79 | 78 | 77 | 74 | 71 | 69 | 67 | 65 | 65 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 4.08 Character, Clear | | | | .87 0 | 1.0 0 | 0.2 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 0 | .20 0 | Sunset: Time, 7.12 Character, Clear | | | |
| Wind direction | E | E | E | E | E | NE | E | SE | SE | SE | SE | S | S | SE | SE | SE | SE | E | E | E | E | E | E | E |
| Wind movement | 6 | 6 | 7 | 6 | 3 | 1 | 3 | 6 | 7 | 6 | 7 | 6 | 5 | 7 | 5 | 6 | 6 | 5 | 4 | 5 | 3 | 4 | 4 | 3 |
| Maximum velocities (exceeding 24 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 79 | 49 | 64 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction E

Total movement, 120

Average hourly velocity, 5.0

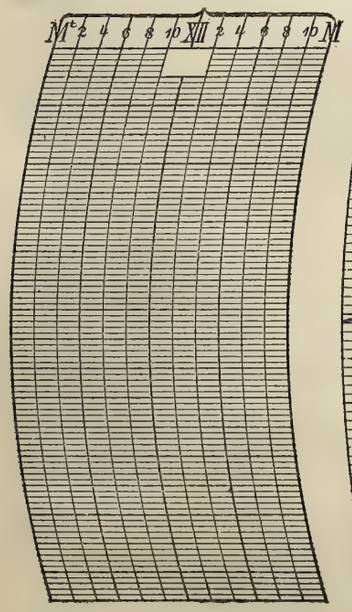
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 10 Ex 10 | S | 11.00 a.m. |

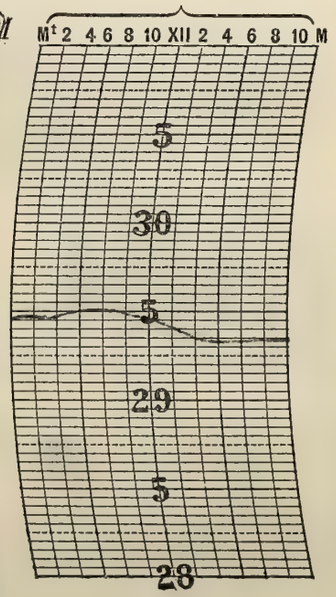
Relative humidity, 62 a. m. 40 p. m.

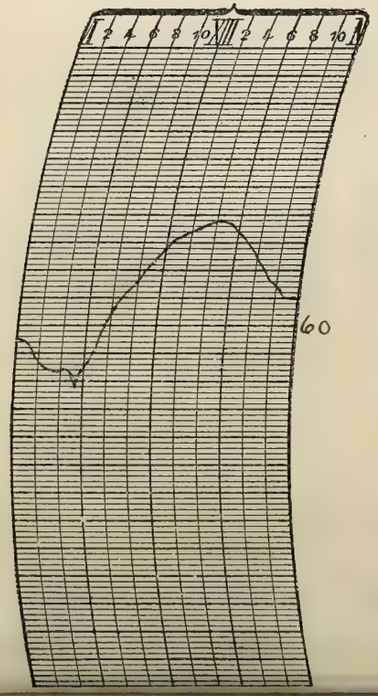
Reduced barometer, 30.44 a. m. 30.26 p. m.

River gage, 2.3 ft.

NOTES.




Prepared by
Verified by } J.H.T.C.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 11 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 60 | 57 | 55 | 53 | 53 | 55 | 64 | 67 | 72 | 76 | 78 | 81 | 82 | 83 | 83 | 83 | 83 | 83 | 77 | 76 | 73 | 72 | 70 | 67 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | Clear | | | | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, 4.08 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.13 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | .87 0 | 0.9 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 0.1 | .22 0 | | | | |
| Wind direction | E | E | E | E | E | E | E | S | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 4 | 3 | 3 | 4 | 2 | 2 | 2 | 7 | 8 | 10 | 11 | 10 | 9 | 10 | 9 | 12 | 11 | 10 | 7 | 6 | 8 | 8 | 10 | 9 |
| Maximum velocities (exceeding 24 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

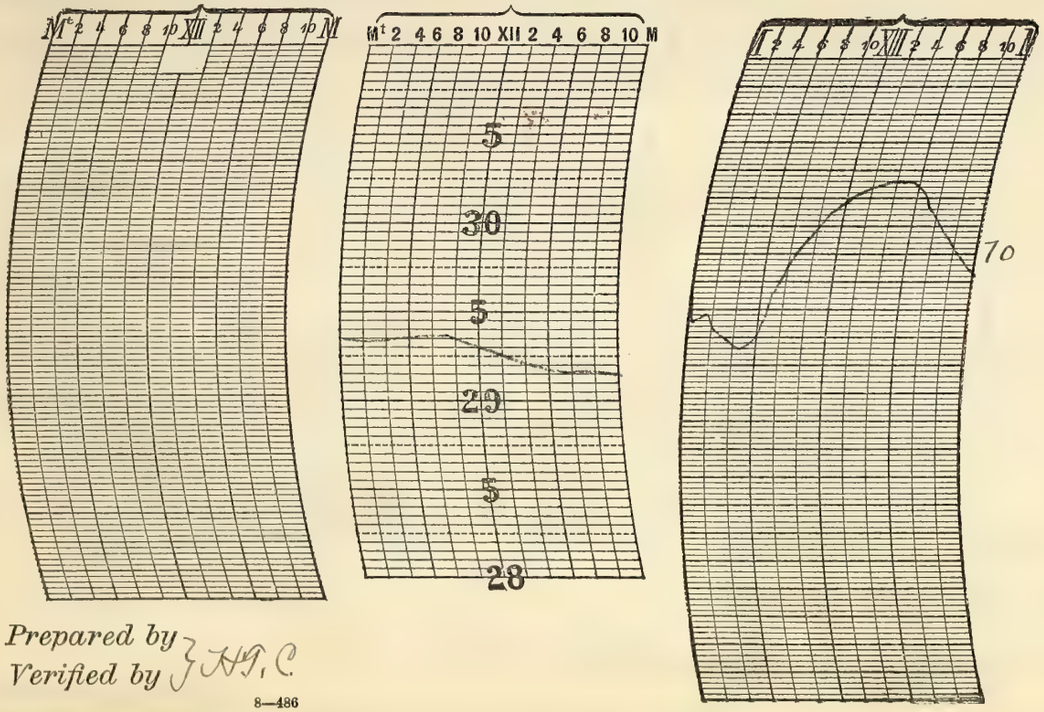
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 83 | 53 | 68 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m. 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 15.1
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 175
Average hourly velocity, 7.3

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 15 Ex 17. | SW | 3.25 p.m. |

Relative humidity, 56 a. m. 42 p. m.
Reduced barometer, 30.28 a. m. 30.05 p. m.
River gage, 2.3 ft.

NOTES.




Prepared by
Verified by } H.P.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 12 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 66 | 65 | 65 | 63 (6) | 64 (3) | 64 | 66 | 69 | 73 | 74 | 75 | 77 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | RB 10.20 RE 10.35 | | |
| Amounts of precipitation | | | | | | | | | | T | | |
| Cloudiness and other conditions | | | | | | | Pt Cloudy | | | | | |
| Sunrise: Time, 4.08 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0.6 | 1.0 | 0.7 | 0.2 | 1.0 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | SW |
| Wind movement | 10 | 10 | 10 | 10 | 9 | 10 | 11 | 11 | 13 | 12 | 11 | 10 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 81 | 80 | 82 | 80 | 79 | 77 | 75 | 72 | 69 | 67 | 66 | 63 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | Clear | | | | | | | | | | |
| Sunset: Time, 7.13 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 0.6 | 1.0 | 1.0 | 1.0 | 0.9 | 0.3 (0.7) | 0 (.22) | | | | |
| Wind direction | SW | W | NW | NW | NW | NW | NW | NW | NW | NW | NE | NE |
| Wind movement | 11 | 10 | 13 | 13 | 12 | 10 | 8 | 6 | 8 | 6 | 7 | 8 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 82 | 63 | 72 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 10.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 68

Prevailing direction SW

Total movement, 239

Average hourly velocity, 10.0

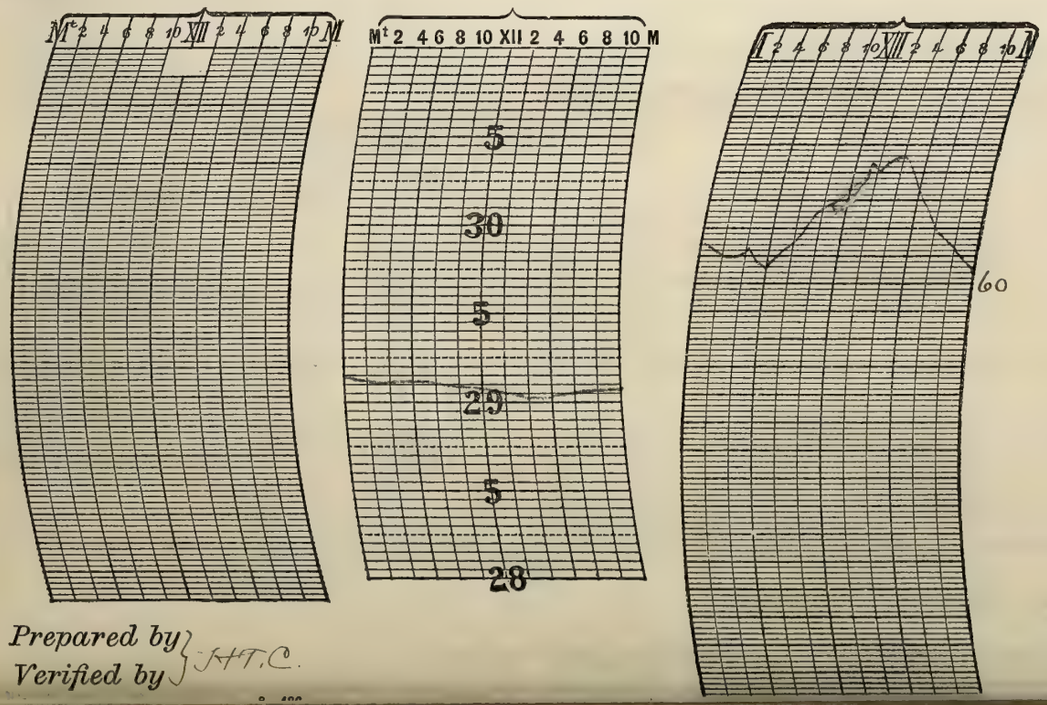
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 Ex 17 | W | 8.55 a.m. |

Relative humidity, 68 a. m. 66 p. m.

Reduced barometer, 30.01 a. m. 29.96 p. m.

River gage, 2.3 ft.

NOTES.




Prepared by
Verified by } J.H.T.C.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 13 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 58 | 56 | 57 | 57 | 58 | 58 | 62 | 63 | 66 | 68 | 70 | 72 | 74 | 74 | 73 | 72 | 67 | 65 | 64 | 62 | 60 | 58 | 57 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | Pt Cloudy | | | | | | | | | Pt Cloudy | | | | | | | | | |
| Sunrise: Time, 408 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 714 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | 0 | 0 | | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | E | E | E | E | NE | E | E | E | E | E | NE | E | NE | NE | NE | NE | NE | E |
| Wind movement | 10 | 9 | 6 | 6 | 9 | 10 | 11 | 11 | 13 | 11 | 15 | 12 | 12 | 11 | 10 | 11 | 14 | 12 | 14 | 14 | 13 | 14 | 13 | 12 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

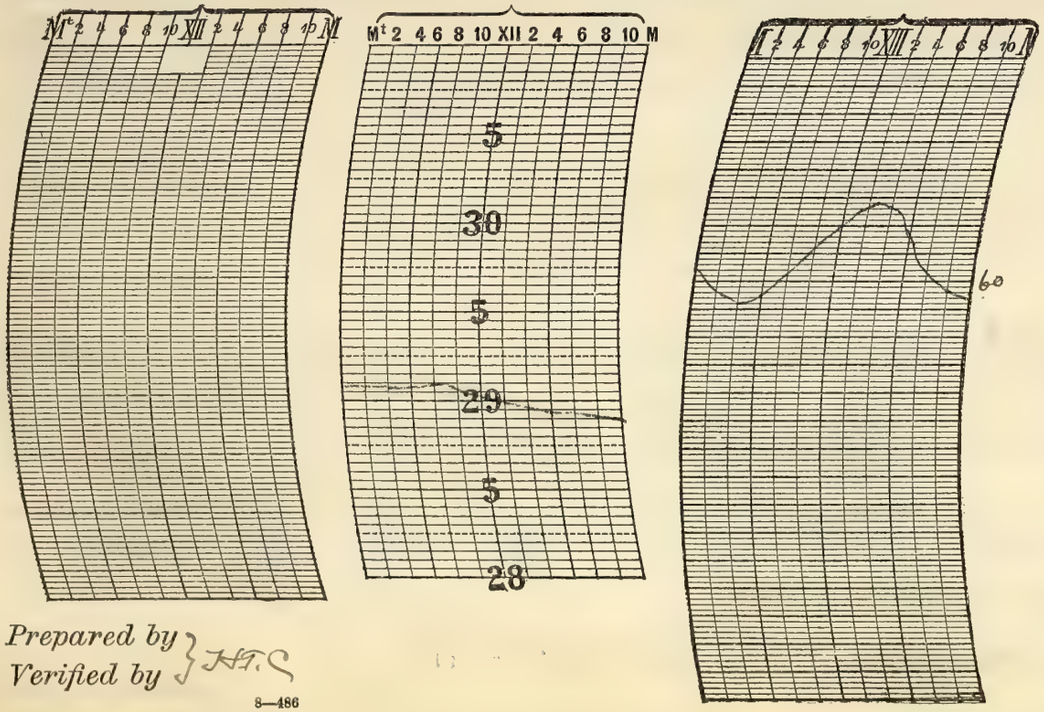
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 74 | 56 | 65 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 10.0
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 66
Prevailing direction NE
Total movement, 273
Average hourly velocity, 11.4

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 Ex 19 | NE | 10.13 PM |

Relative humidity, 83 a. m. 57 p. m.
Reduced barometer, 29.99 a. m. 29.84 p. m.
River gage, 2.3 ft.

NOTES.




Prepared by
Verified by } H.T.S

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 14 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 57 | 57 | 57 | 57 | 57 | 57 | 58 | 62 | 65 | 70 | 71 | 71 | 76 | 78 | 80 | 72 | 72 | 72 | 71 | 70 | 69 | 68 | 67 | 67 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | RB 12.25 RE 12.50 | | | RB 3.50 | RE 4.10 | RB 5.15 RE 5.45 | | | | RB 9.40 | RE 10.55 | |
| Amounts of precipitation | | | | | | | | | | | | | T | | | T | T | .01 | | | | T | .20 | |
| Cloudiness and other conditions | | | | | | Cloudy | | | | | | | | Cloudy | | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 4.08 Character, Cloudy | | | | 0 | 0 | 0 | 0 | 0.3 | 0 | 0.4 | 0.3 | 0.4 | 1.0 | 0.2 | 0 | 0 | 0 | 0 | 0 | Sunset: Time, 7.14 Character, Cloudy | | | |
| Wind direction | E | E | NE | NE | NE | NE | E | E | E | E | E | E | E | NE | SE | SW | W | SW | S | SE | SE | SE | SE | S |
| Wind movement | 12 | 12 | 11 | 12 | 12 | 10 | 11 | 8 | 7 | 6 | 5 | 5 | 5 | 4 | 5 | 15 | 6 | 2 | 6 | 9 | 9 | 9 | 7 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 80 | 57 | 68 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .21 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 2.6

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 17

Prevailing direction E

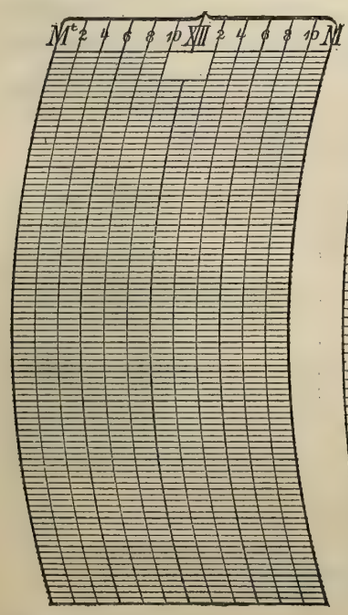
Total movement, 197

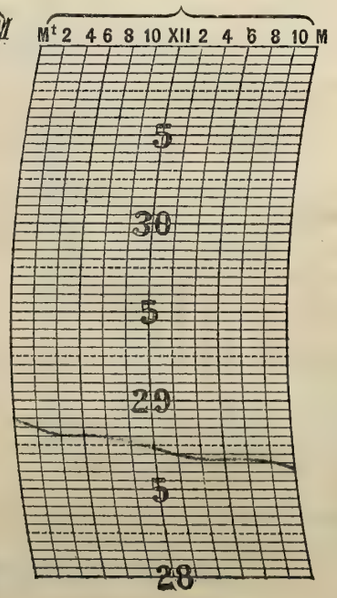
Average hourly velocity, 8.2

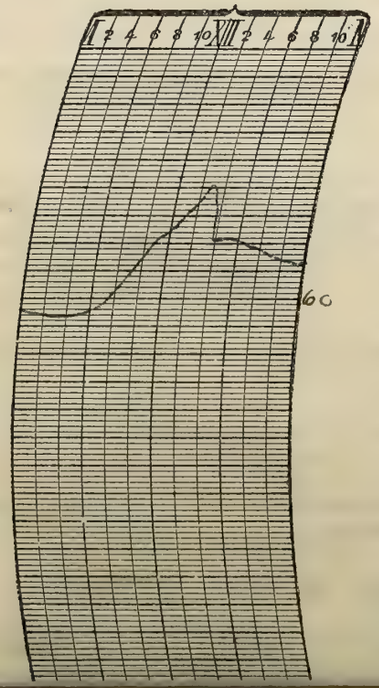
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 24 Ex. 25. | SW | 3.15 p.m. |

| | | | | |
|---|---|---|---|---|
| Relative humidity, | 64 | a. m. | 77 | p. m. |
| Reduced barometer, | 29.73 | a. m. | 29.58 | p. m. |

River gage, 2.2 ft.




NOTES.

A light thunderstorm occurred at 10.00 pm.

Prepared by } H.T.C.
Verified by

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 15 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 67 | 67 | 67 | 68 | 67 | 70 | 70 | 73 | 75 | 78 | 80 | 82 | 84 | 84 | 85 | 84 | 83 | 82 | 80 | 80 | 67 | 68 | 73 | 73 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | RB 7.53 | RE 8.45 | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | T | .49 | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | | | Pt Cloudy | | | | | | | | | | |
| Sunrise: Time, 4.08 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.14 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 8 | 0.3 | 0.8 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 0.4 | 0 | 0 | 0 | | | | |
| Wind direction | S | S | S | S | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | S | S | SW | SW | SW | SW |
| Wind movement | 5 | 4 | 6 | 8 | 10 | 14 | 16 | 14 | 16 | 14 | 14 | 15 | 19 | 20 | 21 | 19 | 17 | 13 | 14 | 14 | 15 | 6 | 7 | 10 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

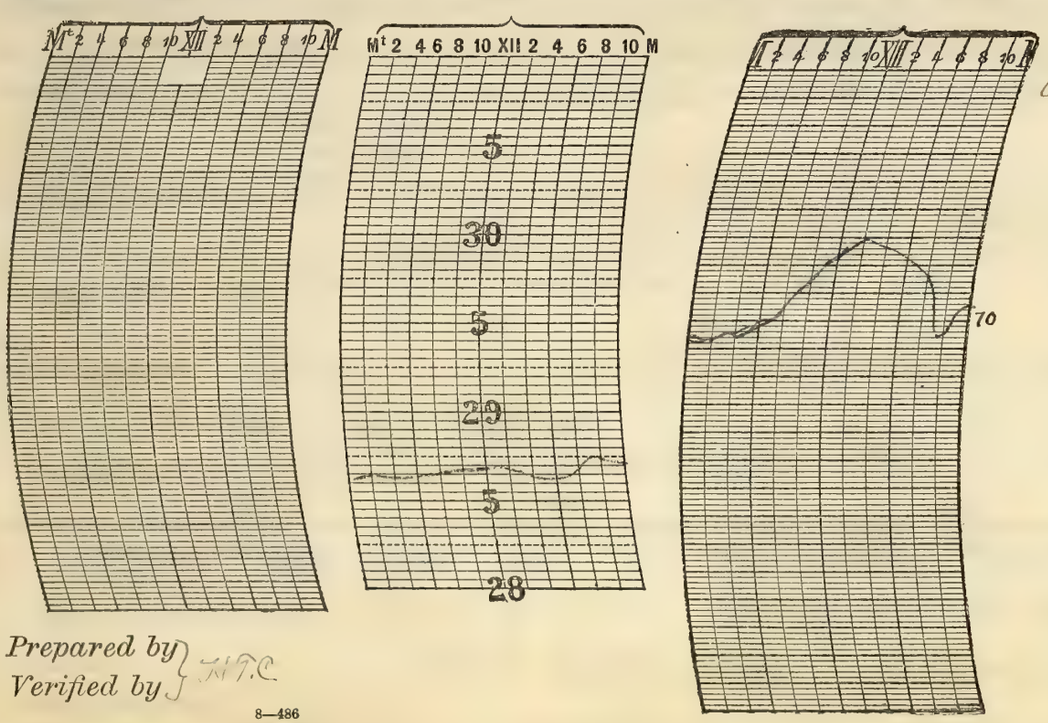
| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts 7.55p | 8.45p | .49 | 8.17p | 8.36p | .04 | .05 | .18 | .30 | .30 | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 85 | 67 | 76 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .49 inches.
Character of day, Pt Cloudy Moon phase, New Moon
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 11.3
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 75
Prevailing direction SW
Total movement, 312
Average hourly velocity, 13.0

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 28 | NW | 8.30 p.m. |
| Ex 36 | | |

Relative humidity, 88 a. m. 63 p. m.
Reduced barometer, 29.55 a. m. 29.55 p. m.
River gage, 2.2 ft




NOTES.

A moderate thunderstorm occurred at 7.45 p.m.

Prepared by
Verified by } M.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 16 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 73 | 68 | 68 | 67 | 68 | 68 | 69 | 70 | 68 | 68 | 67 | 67 |
| Nature of precipitation and time of beginning and ending | RB DN | | | | RE 4.40 | | | | | RB 9.10 | | RE 11.45 |
| Amounts of precipitation | .34 | .42 | .70 | .38 | .04 | | | | | .03 | .34 | .01 |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.1 | 0.2 | 0.3 | 0 | 0 | 0 |
| Wind direction | SW | SW | SW | SW | SW | S | S | SW | SW | SW | SW | SW |
| Wind movement | 12 | 13 | 17 | 17 | 6 | 9 | 15 | 11 | 10 | 9 | 6 | 8 |

Sunrise: Time, 4.08 Character, Cloudy

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 70 | 71 | 72 | 73 | 75 | 76 | 75 | 74 | 73 | 72 | 70 | 68 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | Cloudy | | | | | | | |
| Sunshine (in tenths of hours) | 0.1 | 0.6 | 0.5 | 0.9 | 0.7 | 0.2 | 0 | 0 | | | | |
| Wind direction | SW | SW | SW | SW | W | W | SW | SW | NW | NW | NW | N |
| Wind movement | 7 | 9 | 9 | 9 | 7 | 5 | 4 | 1 | 1 | 1 | 4 | 5 |

Sunset: Time, 7.15 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 76 | 67 | 72 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .37 ins.; to 7 p. m., .38 ins.

Total precipitation, midnight to midnight, .26 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 3.6

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 24

Prevailing direction SW

Total movement, 195

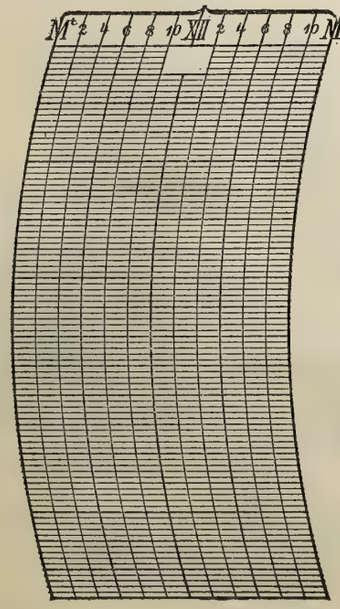
Average hourly velocity, 8.1

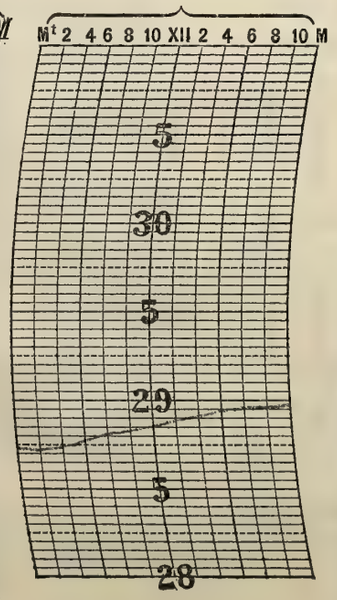
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 27 Ex 28 | SW | 2.35 a.m |

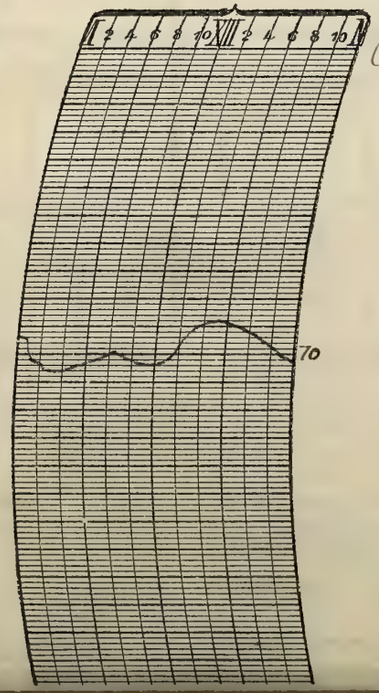
| | a. m. | p. m. |
|---|---|---|
| Relative humidity, | 90 | 91 |
| Reduced barometer, | 29.70 | 29.85 |

River gage, 2.6 ft.

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DNa | 4.40a | 1.88 | 1.43a ~~2.00a~~ | ~~2.11a~~ ~~2.45a~~ | .5 ~~.54~~ | .08 ~~.31~~ | .19 ~~.40~~ | .21 ~~.44~~ | .36 ~~.49~~ | .57 ~~.59~~ | .63 ~~.63~~ | ~~.66~~ | ~~.67~~ | ~~.70~~ | ~~.82~~ | ~~.85~~ | ~~.94~~ | ~~.114~~ | ~~.121~~ |






NOTES.

A moderate thunderstorm occurred at 9.00 a.m.

Prepared by } H.T.C.
Verified by }

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 17 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 67 | 66 | 64 | 62 | 62 | 61 | 62 | 63 | 66 | 68 | 68 | 68 |
| Nature of precipitation and time of beginning and ending | | | | RB 3.15 | | | | RE 7.20 | | | | RB 11.10 RE 11.15 |
| Amounts of precipitation | | | | T | 0.3 | .07 | T | T | | | | T |
| Cloudiness and other conditions | | | | | | Cloudy | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0.4 | 1.0 | 0.9 | 0.6 | 1.0 |
| Wind direction | N | N+ | N+ | N+ | W+ | W+ | W+ | SW | W | W | W | W |
| Wind movement | 5 | 5 | 6 | 4 | 2 | 3 | 5 | 5 | 7 | 8 | 8 | 7 |

Sunrise: Time, 4.08 Character, Cloudy

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 69 | 71 | 72 | 70 | 68 | 66 | 65 | 64 | 62 | 62 | 61 | 61 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunshine (in tenths of hours) | 0.7 | 1.0 | 0.9 | 0.4 | 0 | 0 | 0 | 0 | | | | |
| Wind direction | W | W | W | W | W | NW | NW | NW | NW | NW | W | W |
| Wind movement | 9 | 9 | 11 | 10 | 12 | 10 | 10 | 7 | 6 | 3 | 3 | 3 |

Sunset: Time, 7.15 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 72 | 61 | 66 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .10 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0–10) 7

Actual sunshine, hours, 6.9

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 46

Prevailing direction W

Total movement, 158

Average hourly velocity, 6.6

Maximum velocity, 14 Direction, W Time. 4.25 p.m.

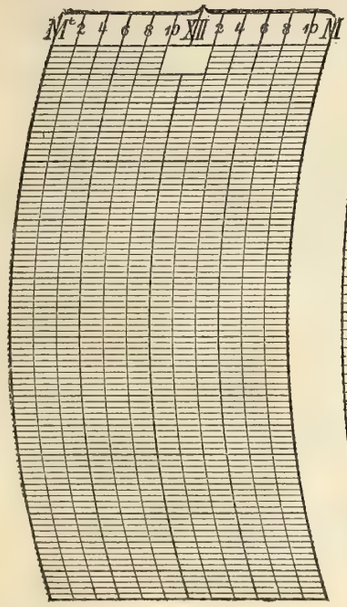
Ex 15

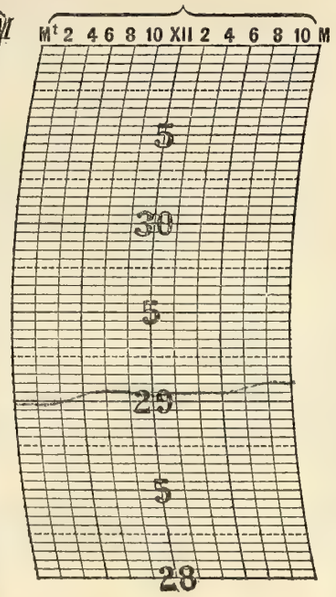
Relative humidity, 98 a. m. 85 p. m.

Reduced barometer, 29.97 a. m. 29.99 p. m.

River gage, 5.1 ft

NOTES.



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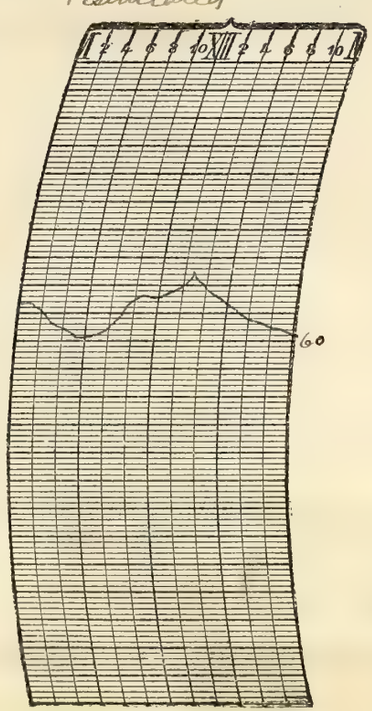



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 18 1912, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 60 | 59 | 57 | 55 | 55 | 57 | 59 | 60 | 59 | 56 | 58 |
| | | | | | | | | | RB 8.50 | | | RE 11.55 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | T | 0.1 | 0.2 | T |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | — | — |
| Sunrise: Time, 4.08 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.7 | 1.0 | 0 | 0 | 0 | 0 |
| Wind direction | W | W | NW | NW | N | N | N | N | N | N | N | N |
| Wind movement | 2 | 3 | 6 | 6 | 6 | 6 | 6 | 8 | 7 | 7 | 4 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 59 | 61 | 62 | 61 | 61 | 61 | 60 | 59 | 58 | 58 | 57 | 56 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunset: Time, 7.15 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0.1 | 0 | 0.2 | 0.2 | 0 | 0.2 | 0.1 | 0 | | | | |
| Wind direction | N | N | N | N | N | NE | NE | NE | E | E | E | E |
| Wind movement | 5 | 4 | 3 | 7 | 10 | 9 | 5 | 2 | 3 | 2 | 2 | 2 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

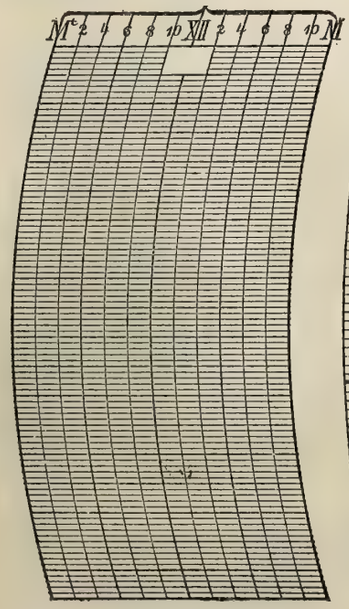
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 62 | 55 | 58 | |

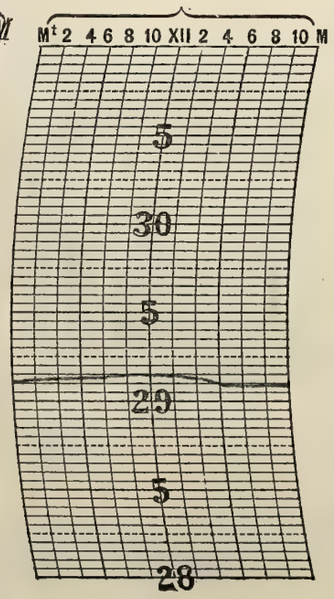
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 2.5
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 17
Prevailing direction N
Total movement, 123
Average hourly velocity, 5.1

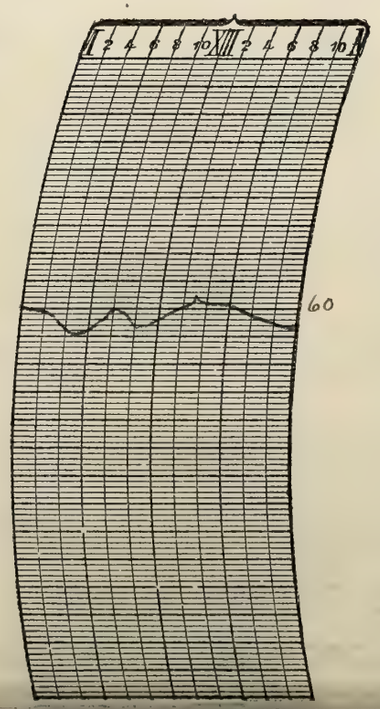
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 11 Ex 11 | N | 4.25 p.m. |

Relative humidity, 83 a. m. 86 p. m.
Reduced barometer, 30.07 a. m. 29.99 p. m.
River gage, 4.7 ft.

NOTES.




Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 19 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 56 | 57 | 57 | 57 | 56 | 57 | 59 | 61 | 63 | 65 | 66 | 66 | 66 | 70 | 66 | 60 | 61 | 61 | 60 | 59 | 58 | 57 | 56 | 55 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | RB 3.15 RE 3.35 T | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Pt Cloudy | | | | | | | | Pt Cloudy | | | | | | | | | |
| Sunrise: Time, 4.08 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.16 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0.5 | 0.9 | 1.0 | 0.9 | 1.0 | 0.1 | 0.8 | 1.0 | 0 | 0 | 0 | 0 | 0 | | | | |
| Wind direction | NW | NW | NW | NW | NW | NW | NW | W | W | SW | W | W | SW | SW | W | W | NW | W | W | W | SW | SW | SW | SW |
| Wind movement | 4 | 4 | 3 | 3 | 3 | 4 | 5 | 7 | 7 | 8 | 9 | 9 | 11 | 11 | 13 | 14 | 8 | 10 | 8 | 6 | 7 | 7 | 7 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 70 | 55 | 62 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .77 ins.

Total precipitation, midnight to midnight, .77 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 6.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 41

Prevailing direction W

Total movement, 177

Average hourly velocity, 7.4

Maximum velocity, 23 Direction, W Time. 3.00 pm

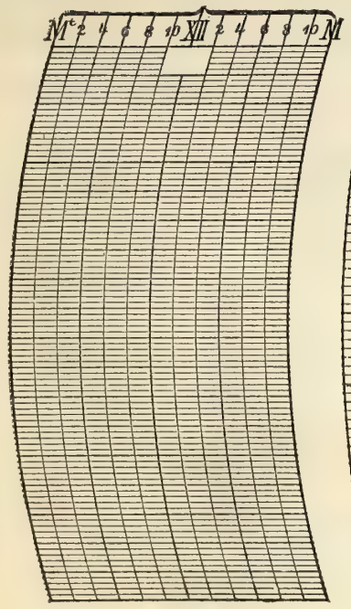
Ex 24

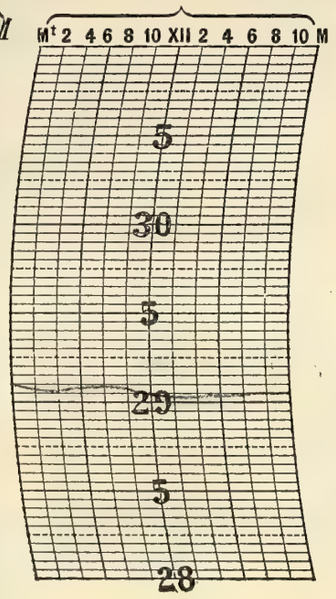
Relative humidity, 89 a. m. 84 p. m.

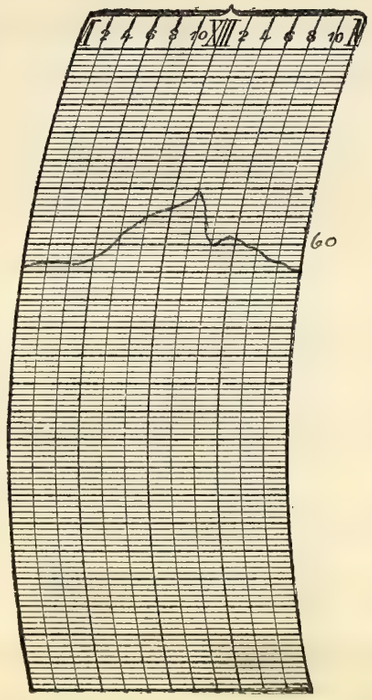
Reduced barometer, 29.98 a. m. 29.95 p. m.

River gage, 4.4 ft

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 20 1912, 191

Time (local standard) 70 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 55 | 54 | 53 | 52 | 52 | 54 | 57 | 61 | 65 | 69 | 70 | 72 | 73 | 74 | 75 | 75 | 74 | 73 | 71 | 67 | 65 | 63 | 61 | 62 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | | Pt Cloudy | | | | | | | | | |
| Sunrise: Time, 4.09 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.16 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | .85 0 | 0.6 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0 | 0 | 0 | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | NW | NE | E |
| Wind movement | 8 | 9 | 8 | 8 | 8 | 9 | 11 | 10 | 10 | 12 | 14 | 14 | 15 | 16 | 14 | 14 | 12 | 9 | 6 | 10 | 7 | 9 | 6 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 75 | 52 | 64 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 12.8

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 85

Prevailing direction SW

Total movement, 244

Average hourly velocity, 10.2

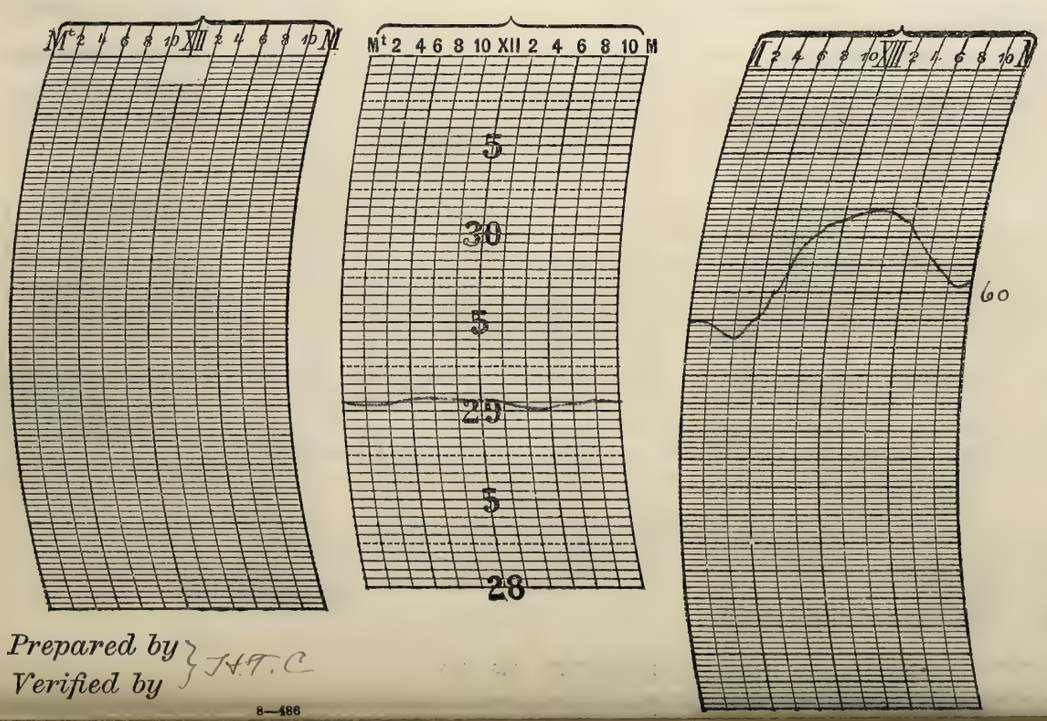
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 Ex 21 | SW | 1.46 p.m. |

Relative humidity, 88 a. m. 73 p. m.

Reduced barometer, 29.98 a. m. 29.94 p. m.

River gage, 4.1 ft

NOTES.




Prepared by } H.T.C
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 21 1912, 191

Time (local standard) 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 61 | 60 | 60 | 60 | 59 | 60 | 60 | 60 | 60 | 61 | 63 | 64 | 67 | 69 | 71 | 70 | 70 | 69 | 68 | 66 | 64 | 61 | 60 | 58 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | | Clear | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time 4.07, Character Cloudy | | | | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 0.6 | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 0.6 | 1.0 0 | 0.7 0 | Sunset: Time 7.16, Character Clear | | | |
| Wind direction | S | W | W | W+ | W | NW | NW | NW | NW | W | W | NW | N | N | NW | N | N | N | N | N | N | NW | NW | NW |
| Wind movement | 5 | 5 | 6 | 5 | 5 | 6 | 9 | 11 | 8 | 4 | 6 | 7 | 8 | 9 | 9 | 8 | 9 | 8 | 3 | 3 | 1 | 5 | 5 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 71 | 58 | 64 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, ~~Clear~~ P. Cloudy Moon phase, First Quarter

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 9.5

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 63

Prevailing direction NW

Total movement, 155

Average hourly velocity, 6.5

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 11 | NW | 1.10 p.m. |
| Ex 11 | | |

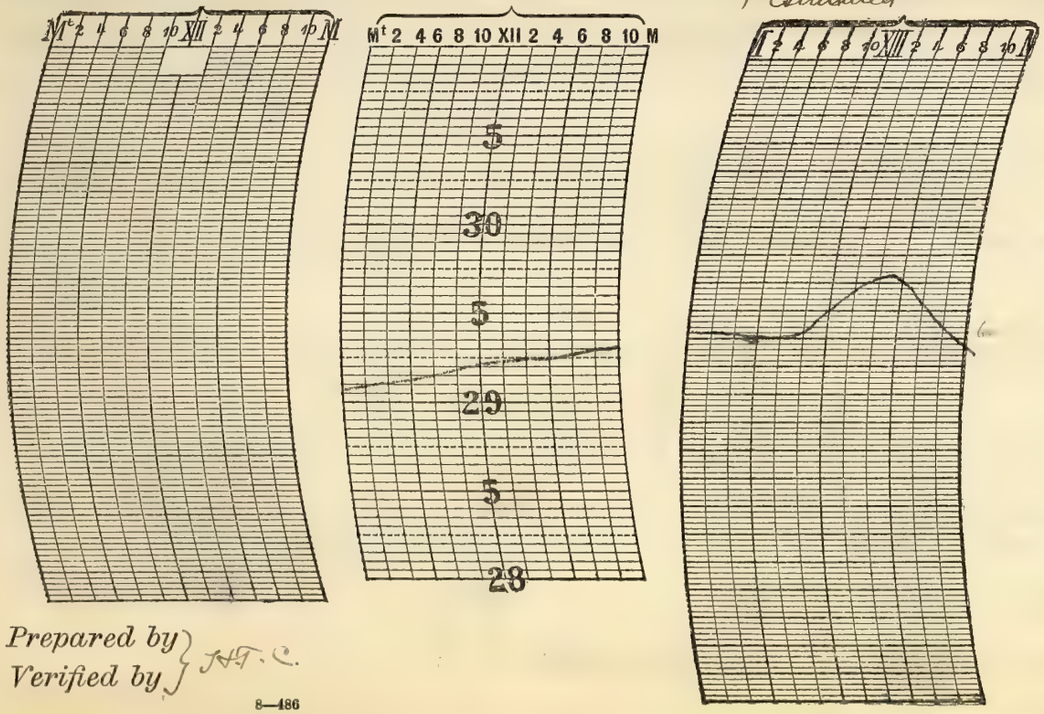
Relative humidity, 92 a. m. 83 p. m.

Reduced barometer, 30.07 a. m. 30.16 p. m.

River gage, 3.9 ft.

NOTES.

+ Estimated




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 22 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 57 | 55 | 54 | 53 | 51 | 52 | 57 | 62 | 66 | 71 | 73 | 73 | 74 | 75 | 76 | 76 | 75 | 74 | 73 | 70 | 68 | 66 | 64 | 60 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, 4.09 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.16 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | .85 0 | 0.9 .01 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 0.8 | 1.0 0 | .27 0 | | | | |
| Wind direction | NW | NW | NW | NW | NW | NW | NW | NW | NW | N | N | NE | N | N | NE | NE | NE | NE | NE | N | N | NE | NE | NE |
| Wind movement | 4 | 3 | 5 | 4 | 5 | 4 | 3 | 2 | 3 | 5 | 5 | 5 | 6 | 4 | 5 | 3 | 4 | 5 | 2 | 2 | 1 | 1 | 4 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 76 | 51 | 64 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction NE, NW

Total movement, 89

Average hourly velocity, 3.7

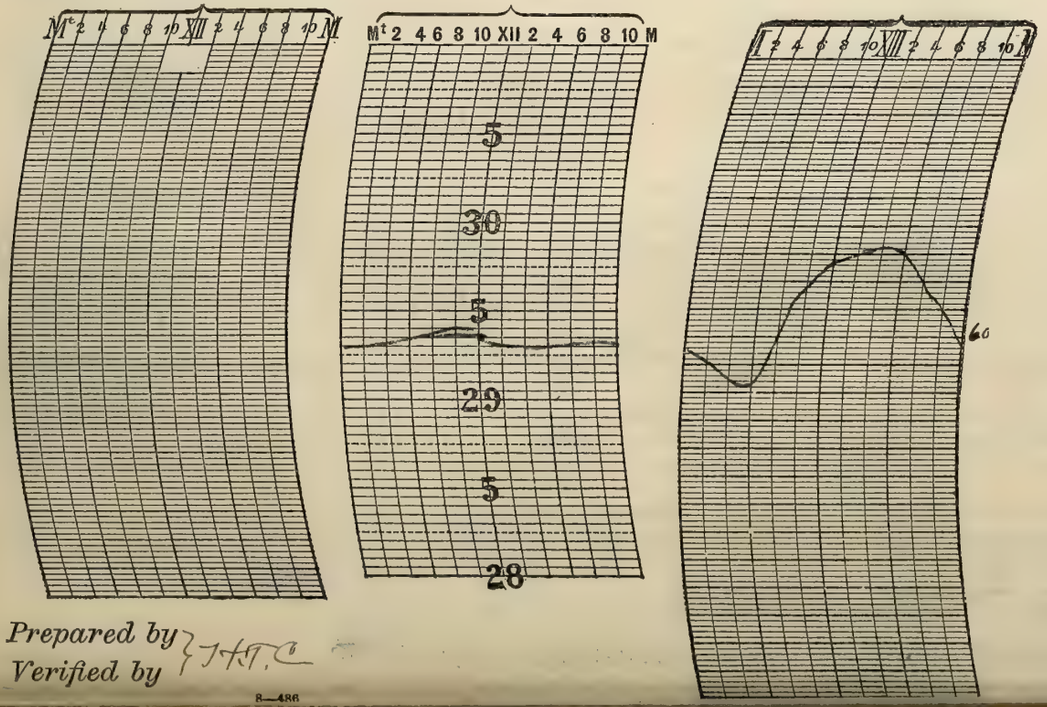
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 8 Ex 8 | NW | 11.00 A.M. |

Relative humidity, 83 a. m. 78 p. m.

Reduced barometer, 30.29 a. m. 30.23 p. m.

River gage, 3.7 ft.

NOTES.




Prepared by
Verified by } J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 23 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 59 | 59 | 58 | 55 | 55 | 56 | 62 | 65 | 71 | 72 | 74 | 75 | 76 | 77 | 78 | 78 | 77 | 77 | 76 | 75 | 70 | 68 | 66 | 64 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | | Clear | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | .85 0 | 0.8 0.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | 0.5 | 0.1 0.9 | 1.0 0 | .28 0 | | | | |
| Wind direction | NE | E | E | E | NE | NE | NE | SE | SE | NE | NE | N | NE | NE | NE | NE | E | NE | S | SE | SE | SE | SE | S |
| Wind movement | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 2 | 1 | 6 | 5 | 7 | 4 | 4 | 4 | 5 | 4 | 4 | 2 | 5 | 4 | 3 | 3 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 4.09 Character, Clear

Sunset: Time, 7.17 Character, Clear

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 78 | 55 | 66 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, ~~15.4~~ 14.3

Possible sunshine, hours, 15.1

Percentage of possible sunshine, ~~100~~ 95

Prevailing direction NE

Total movement, 91

Average hourly velocity, 3.8

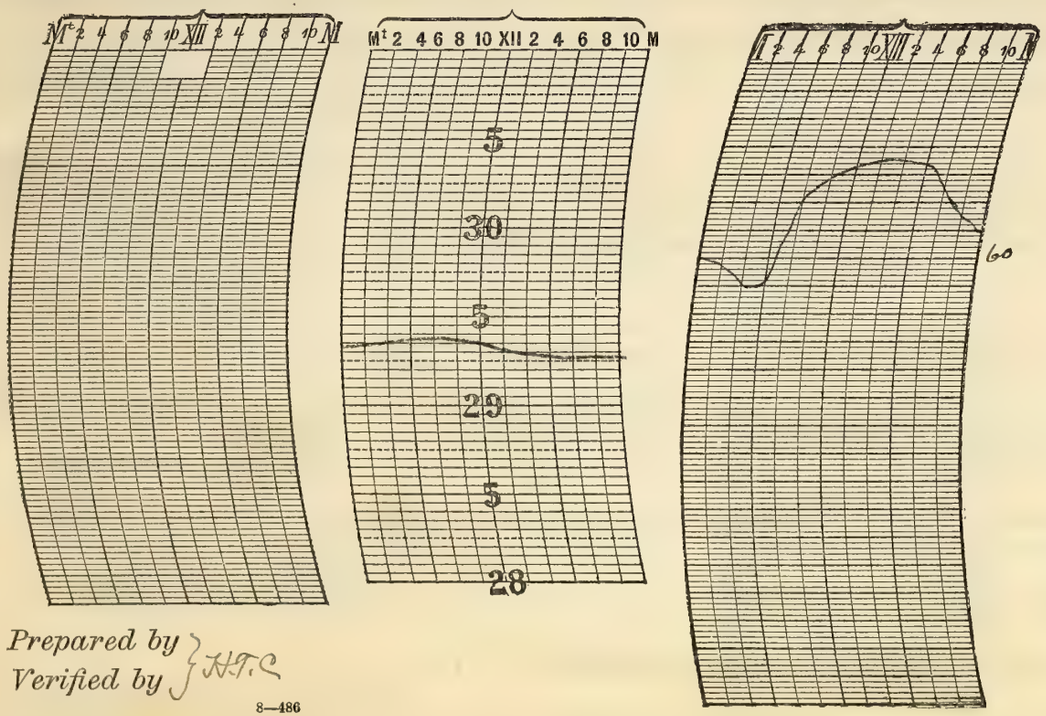
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 8 | N | 11.45 a.m. |

Relative humidity, 79 a. m. 55 p. m.

Reduced barometer, 30.28 a. m. 30.17 p. m.

River gage, 3.4 ft

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 24 1912, 191

Time (local standard) 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 64 | 63 | 62 | 60 | 58 | 60 | 62 | 65 | 70 | 74 | 76 | 78 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | — | — | |
| Sunrise: Time, Character | 4.10 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | SW | W | W | W | ~~W~~ 0 | ~~W~~ 0 | W | N | NW | NW | NW | N |
| Wind movement | 4 | 3 | 1 | 1 | 0 | 0 | 3 | 3 | 4 | 5 | 5 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 80 | 82 | 81 | 83 | 82 | 80 | 78 | 75 | 73 | 71 | 69 | 67 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | — | — | Clear | | | | | | | | | |
| Sunset: Time, Character | | | | | | | | | 7.17 Clear | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 0.3 | 1.0 | 0.4 0.6 | 1.0 0 | 28 0 | | | | |
| Wind direction | SE | E | SW | W | W | NW | W | W | NE | SE | SE | NE |
| Wind movement | 4 | 3 | 4 | 4 | 6 | 6 | 3 | 3 | 5 | 4 | 4 | 1 |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 83 | 58 | 70 | |

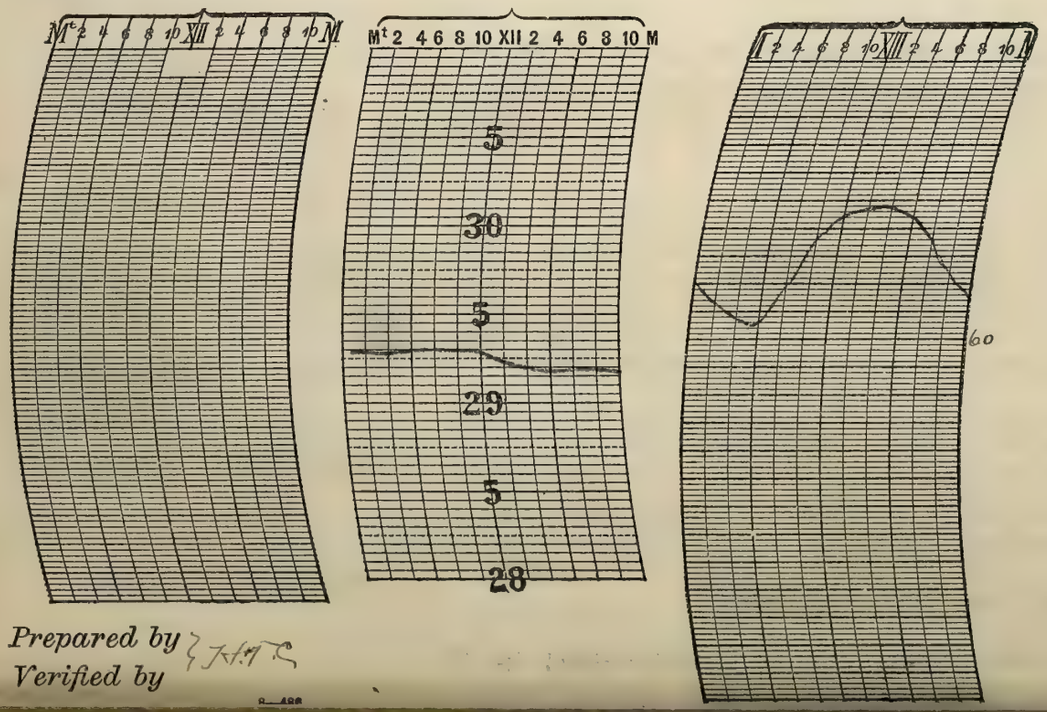
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 12.5
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 83
Prevailing direction W
Total movement, 81
Average hourly velocity, 3.4

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 8 | SW | 4.00 p.m. |

Ex 8.

Relative humidity, 84 a. m. 48 p. m.
Reduced barometer, 30.19 a. m. 30.04 p. m.
River gage, 3.2 ft.

NOTES.




Prepared by
Verified by

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 25 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 65 | 63 | 62 | 61 | 60 | 61 | 68 | 73 | 78 | 79 | 80 | 81 | 83 | 85 | 85 | 85 ~~84~~ | 84 ~~82~~ | 82 ~~80~~ | 80 | 77 | 75 | 72 | 70 | 68 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — | Clear | | | | | | — | Clear | | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 4.10; Character, Clear | | | | 83 / 0 | 0.8 / 0.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 / 0.8 | 1.0 / 0 | .28 / 0 | Sunset: Time, 7.17; Character, Clear | | | |
| Wind direction | O | NE | NE | NE | NE | S | S | W | W | NW | NW | NE | N | NW | NW | W | W | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 0 | 1 | 1 | 1 | 2 | 1 | 1 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 6 | 8 | 6 | 5 | 6 | 3 | 3 | 3 | 6 |
| Maximum velocities (exceeding 24 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 85 | 60 | 72 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 15.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 91

Average hourly velocity, 5.8

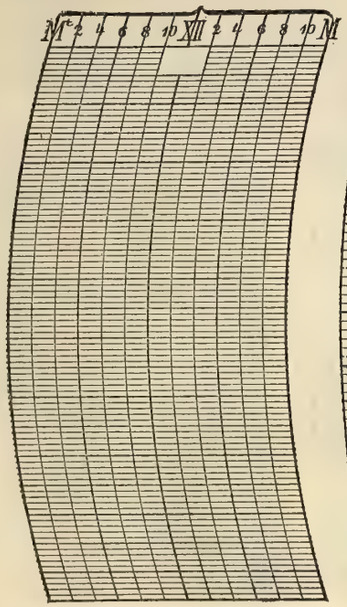
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 9 | W | 4.02 p.m. |
| Ex 9 | | |

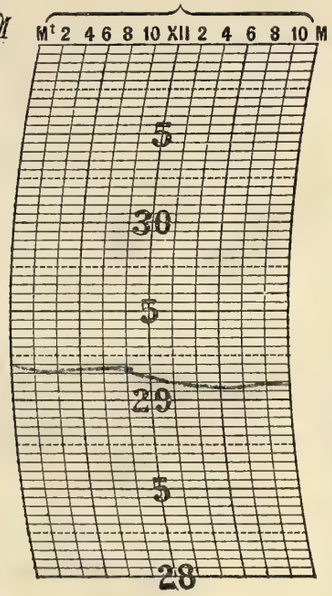
Relative humidity, 77 a. m. 61 p. m.

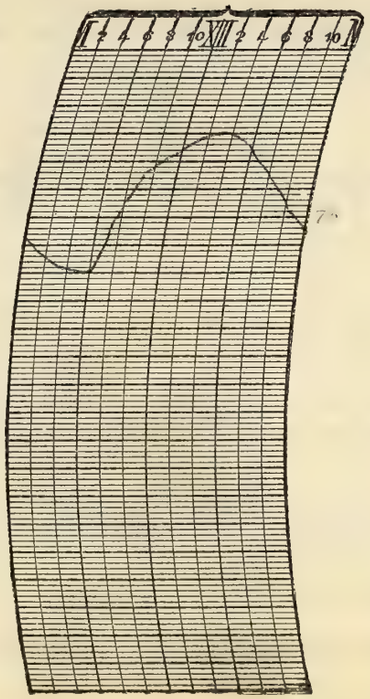
Reduced barometer, 30.07 a. m. 29.98 p. m.

River gage, 3.1 ft.

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 26 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 68 | 66 | 65 | 63 | 64 | 65 | 70 | 74 | 77 | 81 | 85 | 86 | 88 | 89 | 89 | 88 | 86 | 85 | 84 | 78 | 76 | 73 | 71 | 69 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — | | Clear | | | | | — | | Clear | | | × | Cloudy | | | | | |
| Sunrise: Time, 4.10 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.17 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 83 0 | 1.0 0 | 0.1 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 0 | 0 | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | W | W | W | W | W | NW | NW | N | W | S | S | S | N | NE | NE | NE | NE |
| Wind movement | 4 | 6 | 4 | 4 | 5 | 5 | 4 | 6 | 5 | 8 | 6 | 6 | 6 | 5 | 5 | 4 | 6 | 6 | 6 | 5 | 10 | 11 | 12 | 11 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

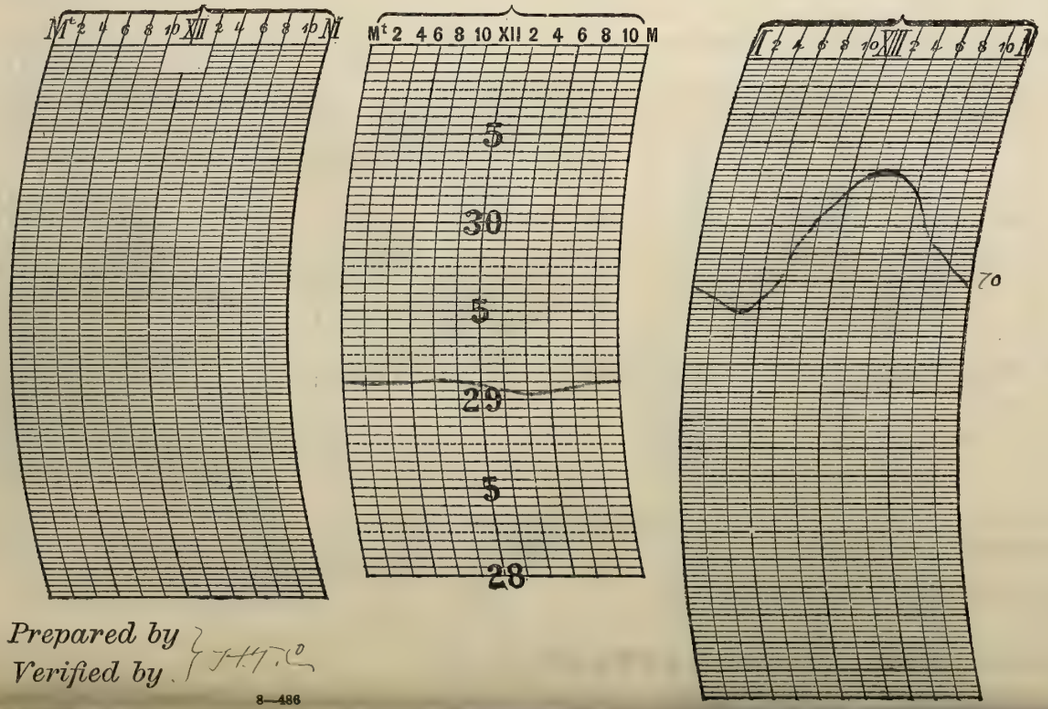
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 89 | 63 | 76 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 13.2
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 87
Prevailing direction SW
Total movement, 150
Average hourly velocity, 6.2

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| ~~#4~~ 15 Ex #4.15 | NE | 8.37 p.m. |

Relative humidity, 81 a. m. 53 p. m.
Reduced barometer, 30.00 a. m. 29.94 p. m.
River gage, 3.0 ft

NOTES.

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Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 27 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 68 | 67 | 66 | 66 | 65 | 66 | 68 | 70 | 74 | 77 | 80 | 83 | 83 | 84 | 85 | 75 | 74 | 73 | 72 | 70 | 68 | 68 | 68 | 68 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | | Clear | | | & Cloudy | | | | | | | |
| Sunrise: Time, 4.11 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.17 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | .82 0 | 1.0 0 | 0.6 0.4 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | 0 | 0 | 0 | 0 | | | | |
| Wind direction | NE | NE | NE | NE | E | E | E | NE | NE | NE | NE | E | E | SE | SE | SE | NE | NE | NE | NE | NE | NE | E | E |
| Wind movement | 10 | 10 | 8 | 8 | 7 | 8 | 7 | 8 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 10 | 9 | 8 | 7 | 9 | 8 | 11 | 3 | 1 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 85 | 65 | 75 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 3

Actual sunshine, hours, 11.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 74

Prevailing direction NE

Total movement, 181

Average hourly velocity, 7.5

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 18 | NE | 3.45 p.m. |

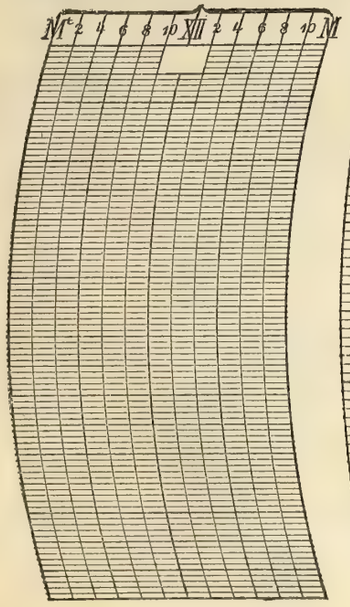
Ex 20

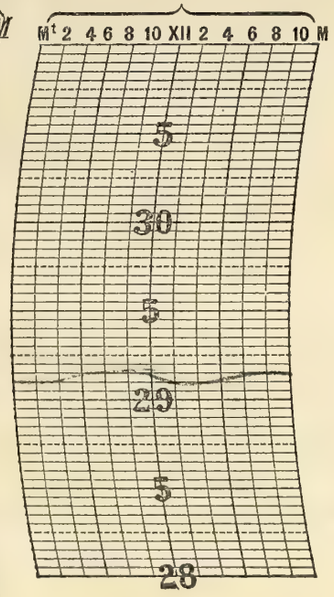
Relative humidity, 83 a. m. 81 p. m.

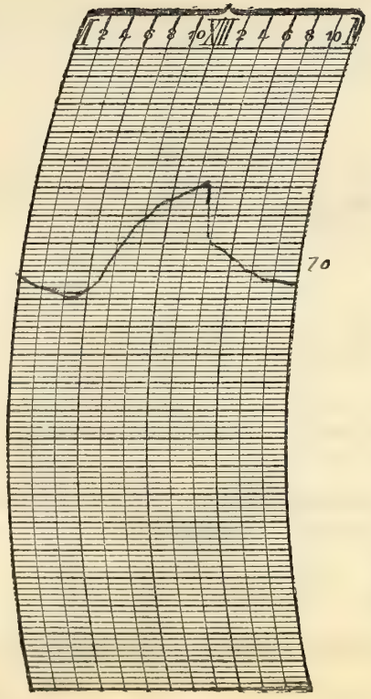
Reduced barometer, 30.05 a. m. 30.03 p. m.

River gage, 2.5 ft

NOTES.




Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 28 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 67 | 66 | 65 | 65 | 64 | 68 | 72 | 77 | 80 | 82 | 84 | 86 | 86 | 88 | 88 | 89 | 87 | 85 | 84 | 78 | 75 | 73 | 72 | 71 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Pt Cloudy — | | | | | | — Pt Cloudy — | | | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 4.11 Character, Cloudy | | | | 0 | 0 | 0.5 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 | 0 | 0 | Sunset: Time, 7.17 Character, Cloudy | | | |
| Wind direction | E | E | E | SE | SE | E | SW | SW | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 2 | 3 | 4 | 4 | 2 | 1 | 2 | 4 | 3 | 5 | 5 | 7 | 9 | 8 | 8 | 10 | 9 | 7 | 5 | 7 | 8 | 6 | 7 | 5 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 89 | 64 | 76 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 10.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 67

Prevailing direction SW

Total movement, 131

Average hourly velocity, 5.5

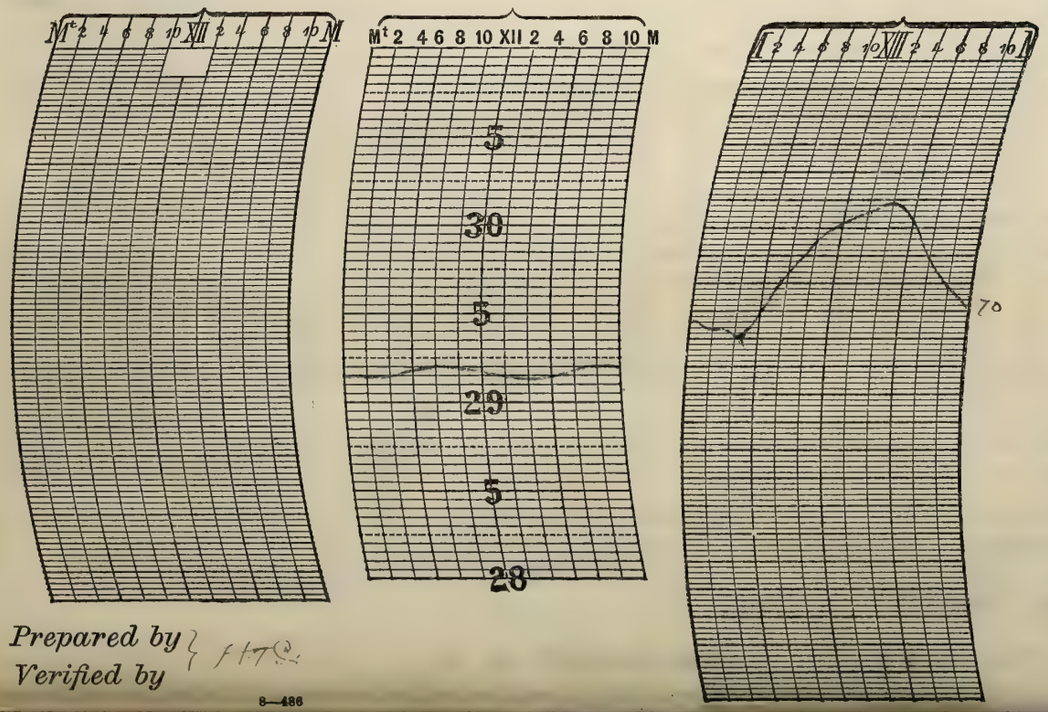
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 13 | SW | 3.00 p.m. |
| E 13 | | |

Relative humidity, 86 a. m. 63 p. m.

Reduced barometer, 30.10 a. m. 30.06 p. m.

River gage, 2.7 ft.

NOTES.

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Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 09 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 69 | 69 | 68 | 67 | 66 | 68 | 72 | 77 | 80 | 82 | 85 | 85 | 87 | 88 | 88 | 88 | 87 | 86 | 83 | 81 | 80 | 78 | 76 | 73 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | R5 10.26 | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | T | .02 |
| Cloudiness and other conditions | | | | | — | | Clear | | — | | | | — | | | Clear | | | | | — | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 4.11 Character, Clear | | | | .82 0 | 0.9 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 0 | 0 | Sunset: Time, 7.17 Character, Cloudy | | | |
| Wind direction | SW | SW | W | SW | SW | SW | SW | W | W | W | SW | SW | W | SW | W | W | SW | SW | SW | SW | SW | W | SW | W |
| Wind movement | 5 | 5 | 4 | 5 | 4 | 6 | 6 | 8 | 9 | 11 | 9 | 10 | 11 | 11 | 10 | 11 | 9 | 8 | 7 | 7 | 5 | 10 | 10 | 10 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 88 | 66 | 77 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Clear Moon phase, Full Moon.

Average daily cloudiness (0–10) 3

Actual sunshine, hours, 13.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 87

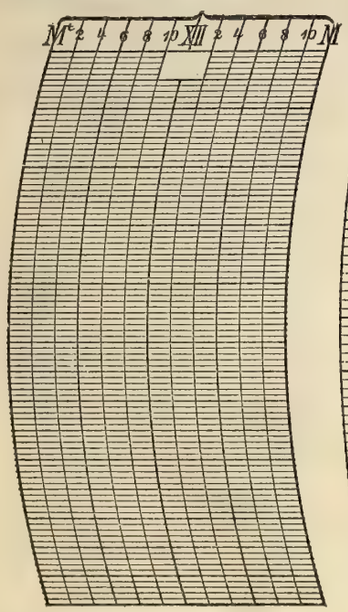
Prevailing direction SW

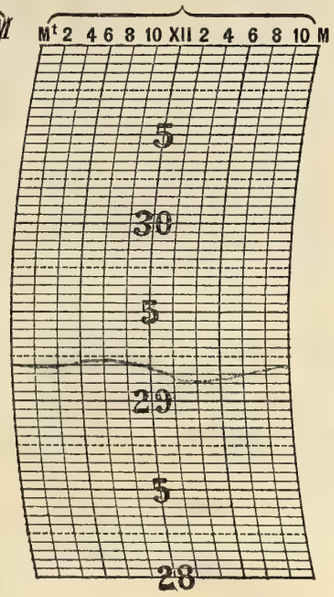
Total movement, 191

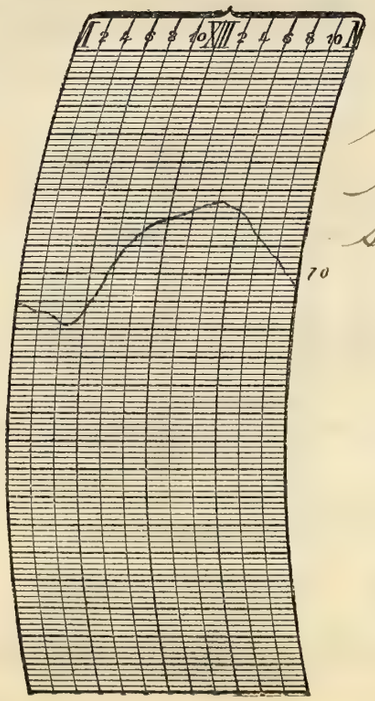
Average hourly velocity, 8.0

| | Maximum velocity, | Direction, | Time. |
|---|---|---|---|
| | 16 | SE | 11.35 p.m. |
| | Ex 17 | | |
| Relative humidity, | 84 a. m. | | 66 p. m. |
| Reduced barometer, | 30.13 a. m. | | 30.02 p. m. |

River gage, 2.6 ft.






NOTES.

A moderate thunderstorm passed over the station at 11.00 p.m. and was more severe in the vicinity south of the station

Prepared by }
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

JUN 30 1912

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) ....., 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 69 | 68 | 68 | 67 ~~68~~ | 66 | 66 ~~72~~ | 72 | 74 | 76 | 80 | 82 | 82 | 80 | 78 | 76 | 74 | 73 | 71 | 68 | 66 | 65 | 64 | 62 | 61 |
| State of weather: Nature of precipitation and time of beginning and ending | RE DN | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | .01 | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | | Pt Cloudy | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 4.12 Character, Cloudy | | | | 0 | 0 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0 | 0 | 0 | 0 | Sunset: Time, 7.17 Character, Cloudy | | | |
| Wind direction | SW | S | SW | SW | SW | SW | SW | NW | W | NW | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 13 | 9 | 7 | 7 | 6 | 8 | 7 | 6 | 5 | 3 | 6 | 9 | 13 ~~9~~ | 18 ~~9~~ | 17 ~~8~~ | 16 ~~8~~ | 14 ~~8~~ | 12 ~~7~~ | 12 ~~8~~ | 11 ~~8~~ | 12 ~~8~~ | 13 ~~8~~ | 10 ~~8~~ | 11 ~~8~~ |
| Maximum velocities (exceeding ~~20~~ 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 82 | 61 | 72 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt Cloudy Moon phase, .....

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 7.9

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 66

Prevailing direction NE

Total movement, 245

Average hourly velocity, 10.2

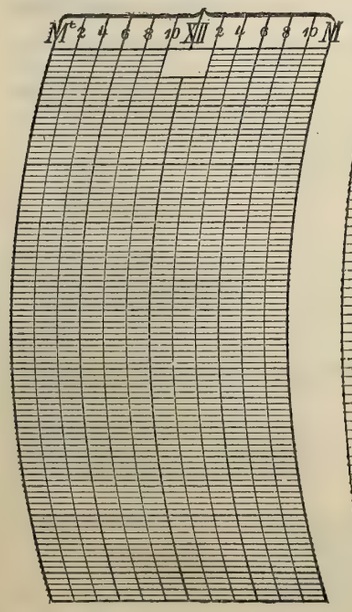
Maximum velocity, 20 Ex 20 Direction, NE Time. 2.30 p.m.

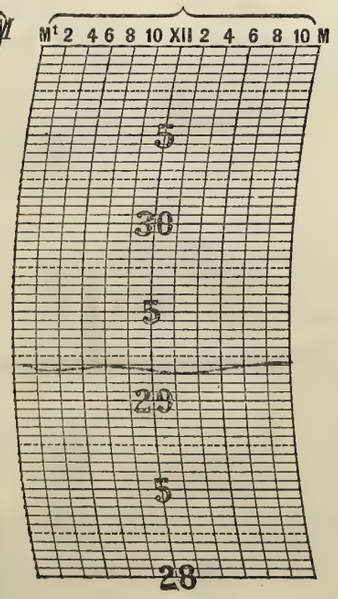
Relative humidity, 84 a. m. 85 p. m.

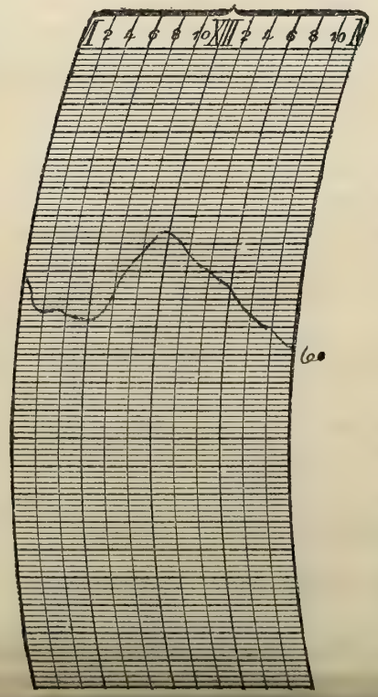
Reduced barometer, 30.08 a. m. 30.10 p. m.

River gage, 2.6

NOTES.






Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Mct 1.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 1 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 59 | 59 | 59 | 57 | 57 | 59 | 61 | 65 | 70 | 72 | 75 | 76 | 77 | 79 | 80 | 79 | 77 | 75 | 74 | 72 | 68 | 67 | 66 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Pt Cloudy | | | | | | | | Pt Cloudy | | | | | | | | | |
| Sunrise: Time, 4.13 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.17 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | 0 | 0 | 0 | | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | NE | E | E | E | E | E | E | E | E | E | E | SE | E | E | E | E |
| Wind movement | 9 | 9 | 8 | 8 | 8 | 7 | 9 | 8 | 8 | 6 | 6 | 5 | 6 | 8 | 5 | 7 | 6 | 5 | 7 | 5 | 6 | 6 | 5 | 4 |
| Maximum velocities (exceeding 20 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 80 | 57 | 68 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 8.7

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 58

Prevailing direction E

Total movement, 161

Average hourly velocity, 6.7

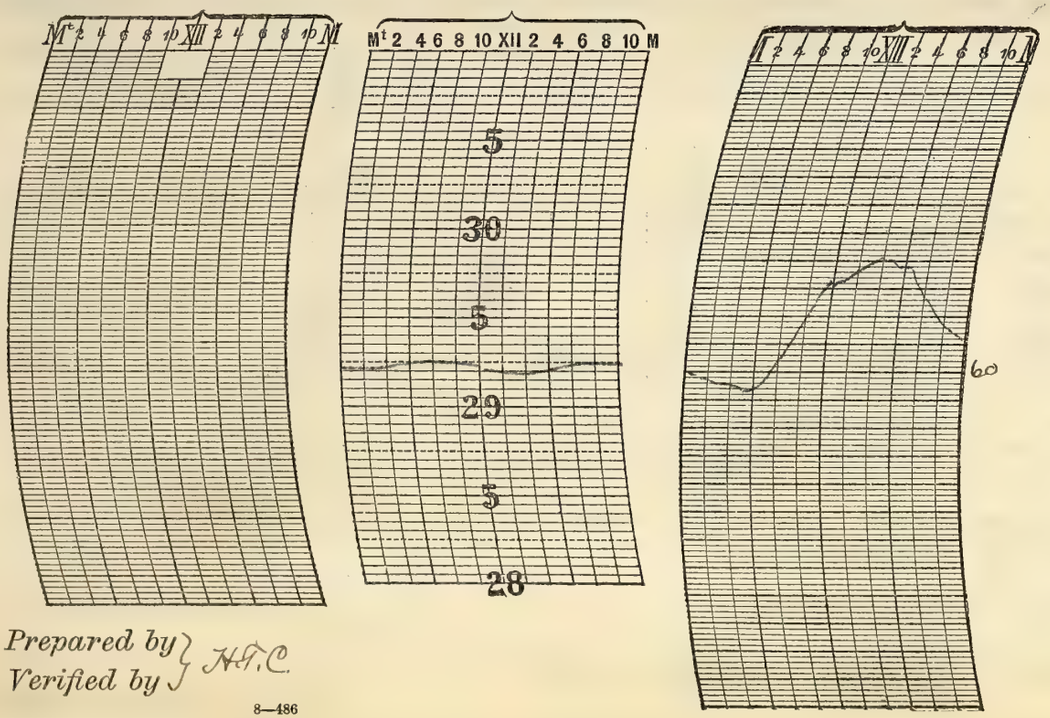
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 13 | NE | 6.50 p. m. |
| Ex 13 | | |

Relative humidity, 86 a. m. 82 p. m.

Reduced barometer, 30.18 a. m. 30.16 p. m.

River gage, 5.4 ft

NOTES.




Prepared by
Verified by } N.F.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 2 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 65 | 64 | 64 | 63 | 63 | 63 | 70 | 71 | 76 | 78 | 81 | 82 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | |
| Sunrise: Time, Character | 4.13 Clear | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | .78 0 | 1.0 0 | .03 0.7 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 |
| Wind direction | NE | E | E | E | E | E | SE | S | S | S | S | S |
| Wind movement | 9 | 5 | 4 | 3 | 2 | 3 | 6 | 7 | 7 | 10 | 9 | 11 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 82 | 84 | 78 | 83 | 75 | 69 | 70 | 70 | 70 | 71 | 69 | 69 |
| State of weather: Nature of precipitation and time of beginning and ending | | RB 2.01 RE 2.06 | | | RB 4.20 RE 4.31 RB 4.33 | | RE 6.20 | | | RB 9.10 | RE 10.25 p | |
| Amounts of precipitation | | .03 | | | .38 | .45 | .02 | | | .01 | .01 | |
| Cloudiness and other conditions | | | | | | | Pt Cloudy | | | | | |
| Sunset: Time, Character | | | | | | | | | 7.17 Cloudy | | | |
| Sunshine (in tenths of hours) | 0.9 | 0.9 | 0.9 | 1.0 | 0.3 | 0 | 0 | 0 | | | | |
| Wind direction | SE | S | SW | SE | SE | SW | SW | S | S | S | S | S |
| Wind movement | 10 | 14 | 12 | 8 | 7 | 14 | 2 | 2 | 6 | 10 | 7 | 5 |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 84 | 63 | 74 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .88 ins.

Total precipitation, midnight to midnight, .90 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 11.6

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 77

Prevailing direction S

Total movement, 173

Average hourly velocity, 7.3

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 24 Ex 24 | SW | 1.52 p.m. |

Relative humidity, 88 a. m. 95 p. m.

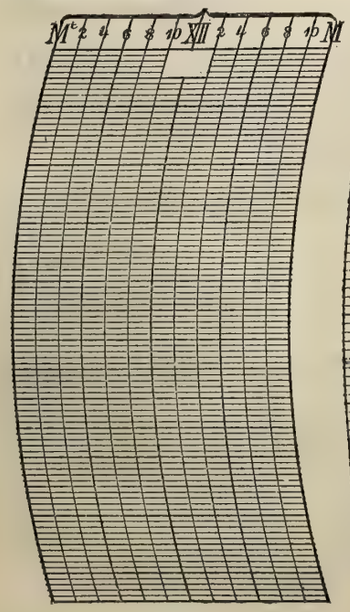
Reduced barometer, 30.20 a. m. 30.18 p. m.

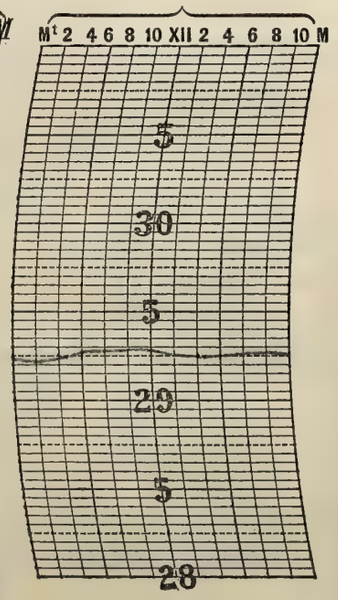
River gage, 5.12 ft.

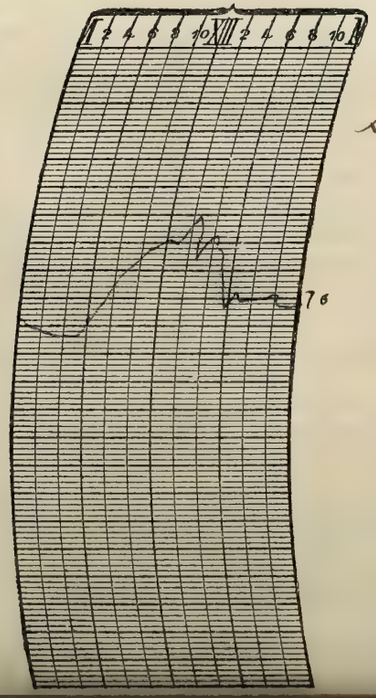
Sunrise: .78 1.0 .03

Sunset: 7.17 Cloudy

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts 4.52 p | 6.20 p | .59 | 4.52 p | 5.22 p | 0 | .07 .15 | .14 .27 | .21 .35 | .30 .43 | .2 .49 | .7 .55 | | | | | | | | |





NOTES.

A Severe thunderstorm passed over the station at 5.00 p.m.

Prepared by
Verified by } NTC

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 3 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 68 | 68 | 67 | 67 | 67 | 69 | 70 | 74 | 76 | 77 | 78 | 79 | 79 | 78 | 80 | 82 | 80 | 78 | 76 | 74 | 73 | 71 | 70 | 68 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | | | | Pt Cloudy | | | | | | | | | |
| Sunrise: Time, Character, | 4.13 Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character, 7.17 Clear | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 0.8 0.2 | .28 0 | | | | |
| Wind direction | S | S | S | S | S | S | SW | S | S | SW | SW | SW | S | S | SW | SW | S | S | S | S | SW | SW | SW | SW |
| Wind movement | 5 | 7 | 8 | 7 | 9 | 9 | 10 | 9 | 10 | 15 | 15 | 18 | 12 | 12 | 11 | 12 | 10 | 10 | 11 | 10 | 6 | 8 | 8 | 8 |
| Maximum velocities (exceeding 24 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

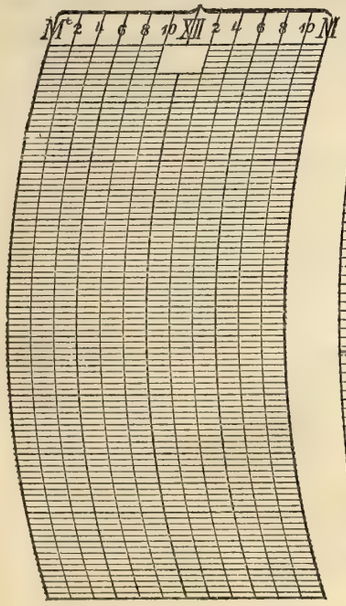
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 82 | 67 | 74 | |

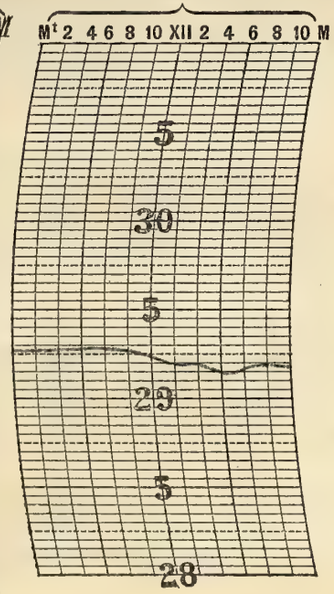
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 4
Actual sunshine, hours, 11.8
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 78
Prevailing direction S
Total movement, 240
Average hourly velocity, 10.0

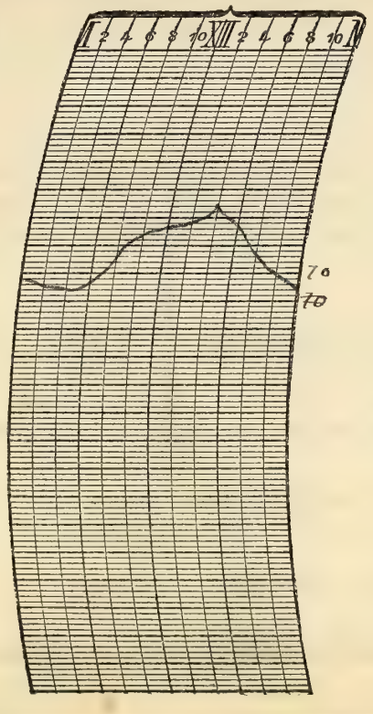
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 21 Ex 21 | SW | 11.30 a.m. |

Relative humidity, 93 a. m. 87 p. m.
Reduced barometer, 30.19 a. m. 30.04 p. m.
River gage, 3.6 ft.

NOTES.




Prepared by
Verified by } J.H.R.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 4 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 68 | 68 | 69 | 68 | 69 | 70 | 72 | 76 | 77 | 80 | 82 | 82 | 83 | 85 | 86 | 86 | 84 | 83 | 81 | 80 | 78 | 75 | 74 | 73 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — | Pt Cloudy | | | | | | — | Pt Cloudy | | | | — | | | | | | |
| Sunrise: Time, 4.14 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.16 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0 | 0 | 0 | | | | |
| Wind direction | SW | SW | S | SW | SW | SW | SW | S | S | S | S | SE | S | S | S | S | SW | SW | SW | SW | S | S | S | S |
| Wind movement | 6 | 5 | 4 | 3 | 3 | 1 | 3 | 4 | 5 | 6 | 6 | 7 | 12 | 10 | 8 | 7 | 7 | 5 | 5 | 6 | 7 | 8 | 6 | 6 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 86 | 68 | 77 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 9.9

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 66

Prevailing direction S

Total movement, 140

Average hourly velocity, 5.8

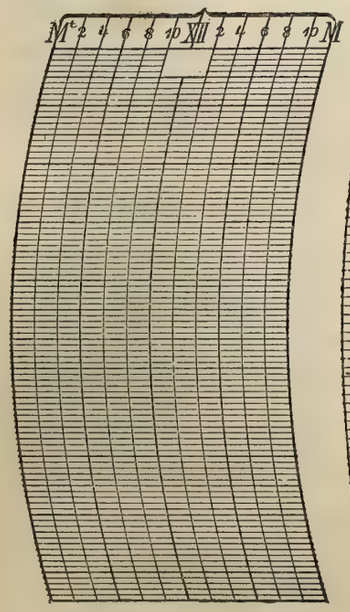
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 14 Ex 14 | S | 1.00 p.m. |

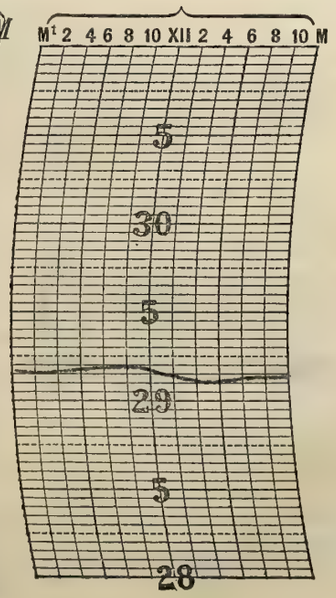
Relative humidity, 88 a. m. 92 p. m.

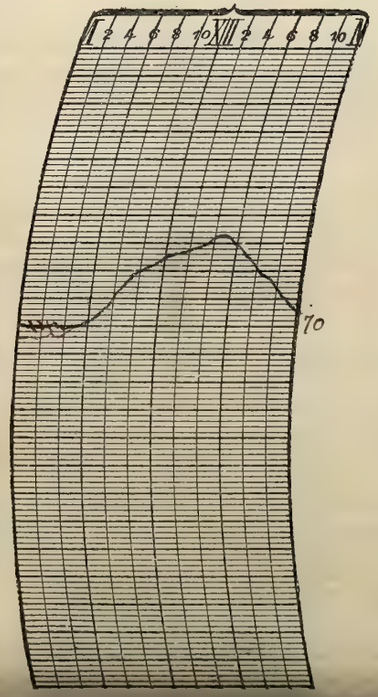
Reduced barometer, 30.07 a. m. 30.02 p. m.

River gage, 3.0 ft.

NOTES.




*Prepared by*
*Verified by* J.J.H.C.

8—486

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 5 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 72 | 72 | 71 | 71 | 70 | 72 | 72 | 74 | 77 | 79 | 82 | 85 | 86 | 86 | 86 | 87 | 86 | 84 | 82 | 82 | 81 | 80 | 78 | 77 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | RB 730 RE 735 | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | T | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Pt Cloudy | | | | | | Pt Cloudy | | | | | | | | | |
| Sunrise: Time, 4.15 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.16 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.1 | | | | | | | |
| Wind direction | S | S | S | S | S | S | S | S | S | SE | S | SE | SE | SE | SE | S | SE | E | E | E | E | SE | SE | SE |
| Wind movement | 5 | 5 | 5 | 4 | 2 | 1 | 3 | 4 | 4 | 5 | 6 | 6 | 7 | 6 | 5 | 5 | 3 | 3 | 4 | 4 | 5 | 5 | 1 | 3 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 86 87 | 70 | 78 | |

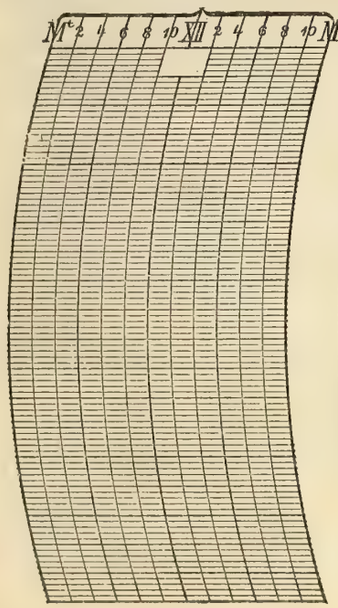
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 7.5
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 50
Prevailing direction S
Total movement, 101
Average hourly velocity, 4.2

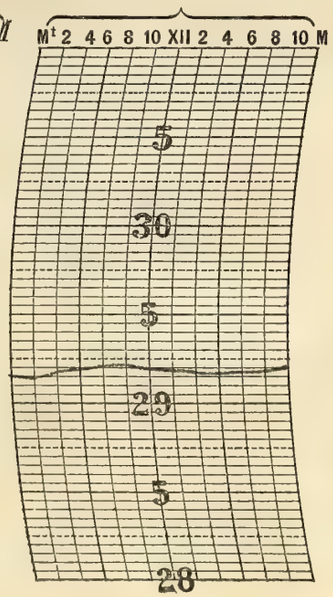
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 8 Ex 8 | SE | 12.10 p.m. |

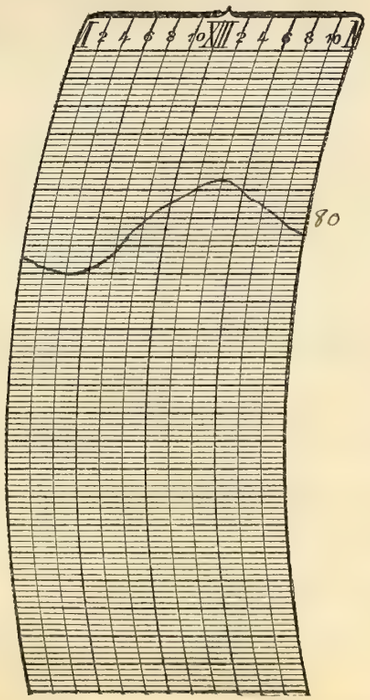
Relative humidity, 85 a. m. 82 p. m.
Reduced barometer, 30.09 a. m. 30.05 p. m.
River gage, 2.6 ft.

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

NOTES.




Prepared by
Verified by } N.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 6 1912, 191

Time (local standard) 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 76 | 76 | 76 | 75 | 74 | 73 | 74 | 77 | 80 | 83 | 84 | 84 | 87 | 82 | 80 | 85 | 80 | 80 | 78 | 76 | 74 | 74 | 73 | 73 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | RB 1.45 RE 2.00 T | | RB 3.30 RE 3.35 T | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | | | Pt Cloudy | | | | | | | | | | |
| Sunrise: Time, 4.15 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.16 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | 0.4 | 0.3 | 0 | 0 | 0 | 0 | | | | |
| Wind direction | E | E | SE | SE | SE | S | S | S | S | SE | SE | SE | SE | SE | SW | SE | SE | SE | SE | E | S | SE | SE | S |
| Wind movement | 2 | 1 | 6 | 6 | 6 | 8 | 7 | 7 | 6 | 5 | 7 | 6 | 8 | 10 | 5 | 9 | 5 | 6 | 5 | 4 | 10 | 9 | 9 | 8 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 87 | 73 | 80 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 6.9

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 46

Prevailing direction SE

Total movement, 155

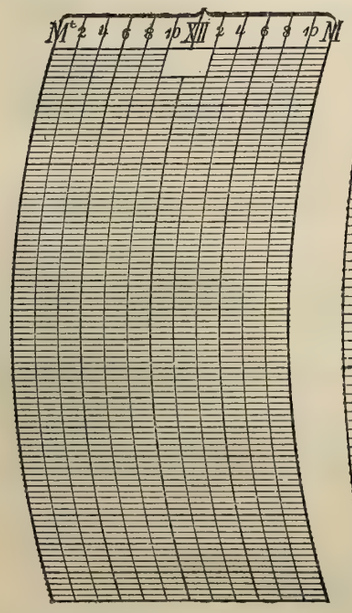
Average hourly velocity, 6.5

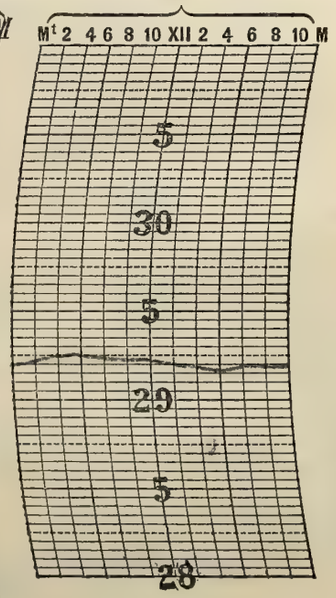
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 | SE | 1.05 |

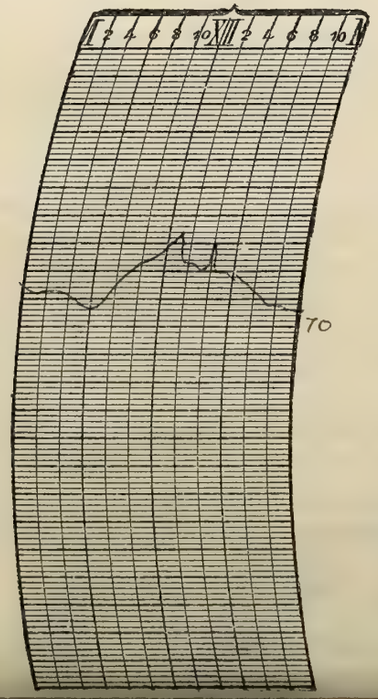
Relative humidity, Ex H 17 91 a. m. 89 p. m.

Reduced barometer, 30.13 a. m. 30.07 p. m.

River gage, 2.4 ft.






NOTES.

A light thunderstorm occurred at 2.00 p.m.

Prepared by } H.P.C.
Verified by }

8—488

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Mo~~ Sunday, (Date) JUL 7 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 71 | 70 | 70 | ~~69~~ 70 | ~~69~~ 70 | 70 | 73 | 73 | 74 | 72 | 76 | 78 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | RB 9.10 RE 2.40 | | |
| Amounts of precipitation | | | | | | | | | | T | | |
| Cloudiness and other conditions | Cloudy | | | | | | | | | | | |
| Sunrise: Time, Character, | 4.16 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.5 | 0 | 0 | 0 | 0.6 | 1.0 |
| Wind direction | S | S | S | S | S | S | S | S | S | S | S | S |
| Wind movement | 8 | 8 | 9 | 8 | 7 | 9 | 8 | 11 | 11 | 12 | 12 | 14 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 73 | 76 | 80 | 79 | 80 | 79 | 78 | 76 | 75 | 73 | 73 | 72 |
| State of weather: Nature of precipitation and time of beginning and ending | RB 12.38 RE 12.50 | | | | | | | | | | | |
| Amounts of precipitation | .01 | | | | | | | | | | | |
| Cloudiness and other conditions | Pt Cloudy | | | | | | | | | | | |
| Sunset: Time, Character, | | | | | | | | | 7.16 Cloudy | | | |
| Sunshine (in tenths of hours) | 0.6 | 1.0 | 1.0 | 1.0 | 0.6 | 0 | 0 | 0 | | | | |
| Wind direction | S | SW | S | S | S | SW | S | SW | SW | W | SE | S |
| Wind movement | 17 | 15 | 15 | 15 | 12 | 7 | 7 | 8 | 7 | 2 | 11 | 12 |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 80 | 70 | 75 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase Last Quarter

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 6.3

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 42

Prevailing direction S

Total movement, 245

Average hourly velocity, 10.2

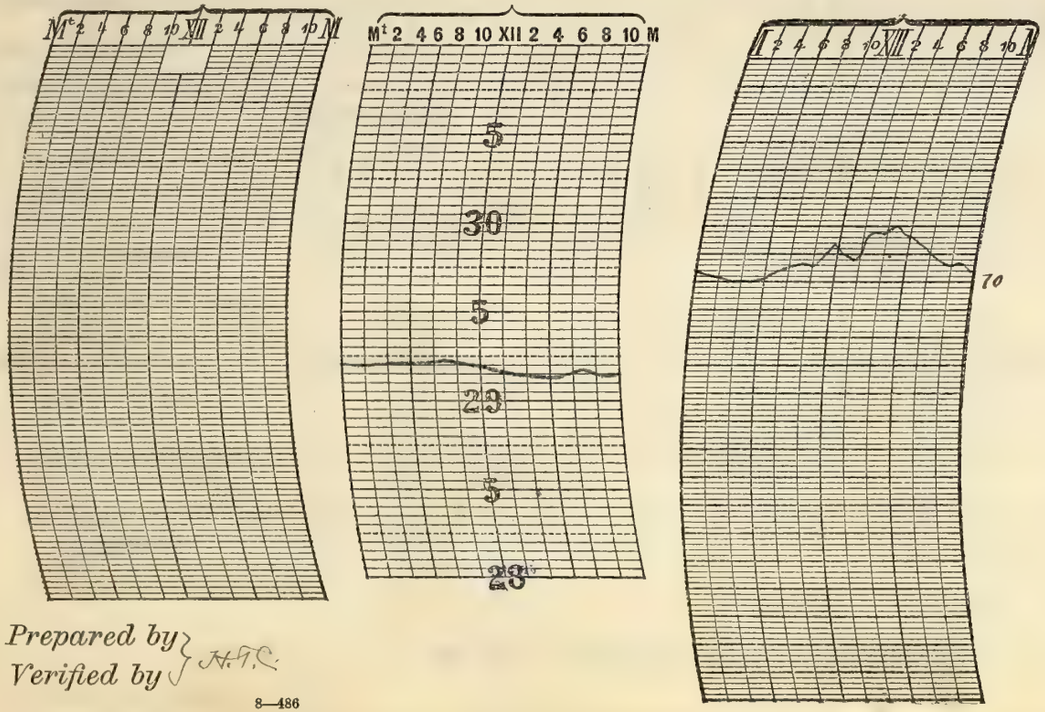
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 Ex 21 | S | 12.47 p m. |

Relative humidity, 86 a. m. 87 p. m.

Reduced barometer, 30.11 a. m. 30.04 p. m.

River gage, 2.2 ft.

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

JUL 8 1912

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) ....., 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 71 | 70 | 70 | 69 | 69 | 70 | 72 | 74 | 74 | 77 | 80 | 82 | 84 | 72 | 75 | 79 | 78 | 77 | 76 | 74 | 73 | 72 | 71 | 70 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | RB 1.00 RE 1.55 | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | .19 | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Pt Cloudy | | | | | | | | Pt Cloudy | | | | | | | | | |
| Sunrise: Time 4.16, Character Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time 7.15, Character Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.2 | 0.2 | 0 | 0.8 | 1.0 | 1.0 | 0.8 | 0 | 1.0 | 0.6 | 1.0 | 0.5 | 0 | 0 | | | | |
| Wind direction | SW | W | SW | SW | SW | S | S | S | S | S | S | S | S | SW | SW | SW | W | SW | S | S | S | S | S | S |
| Wind movement | 8 | 4 | 4 | 3 | 1 | 4 | 7 | 7 | 8 | 7 | 8 | 7 | 10 | 10 | 7 | 8 | 9 | 7 | 6 | 3 | 5 | 4 | 6 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 84 | 69 | 76 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .19 ins.

Total precipitation, midnight to midnight, .19 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 7.1

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 47

Prevailing direction S

Total movement, 150

Average hourly velocity, 62

Maximum velocity, 25 Direction, S Time, 1.00 p.m.

Extreme 28

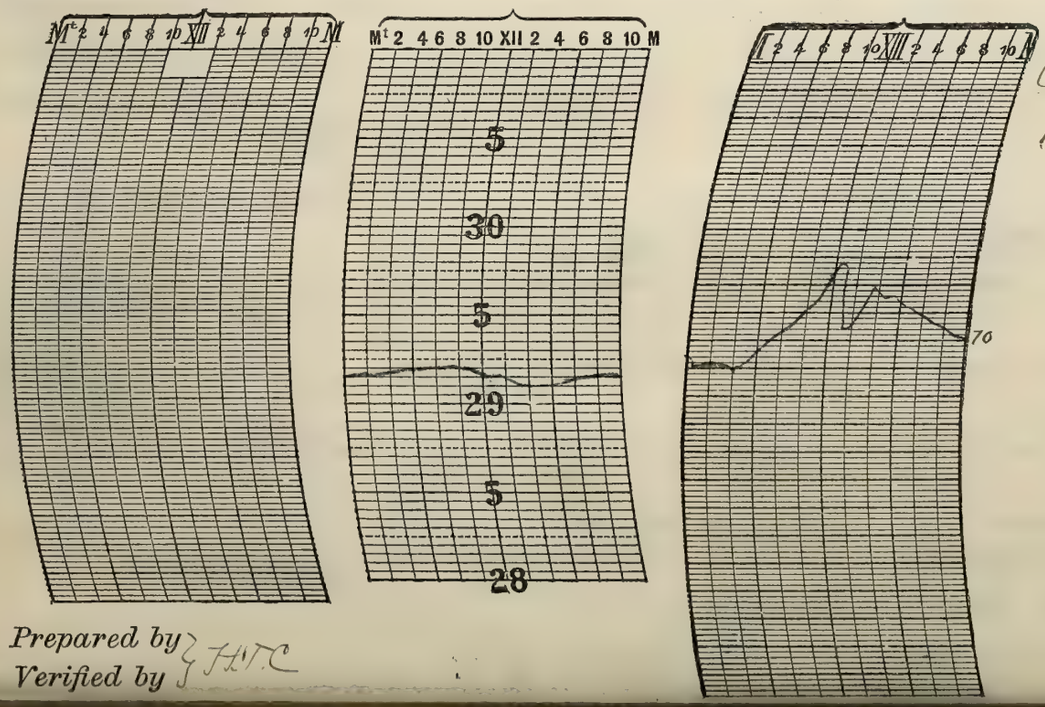
Relative humidity, 89 a. m. 80 p. m.

Reduced barometer, 30.10 a. m. 30.03 p. m.

River gage, 2.1 ft

NOTES.

A moderate thunderstorm occurred at 1.00 p.m.




Prepared by
Verified by } H.V.C

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 9 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 69 | 68 | 68 | 68 | 68 | 68 | 72 | 72 | 75 | 80 | 82 | 87 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | RB 7.15 RE 7.20 | | | | | |
| Amounts of precipitation | | | | | | | 03 | | | | | |
| Cloudiness and other conditions | | | | | | | PtCloudy | | | | | — |
| Sunrise: Time, 4.17 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.8 | 0.9 | 1.0 | 1.0 | 1.0 | 0.9 |
| Wind direction | S | S | S | S | S | S | SW | SW | SW | SW | SW | SW |
| Wind movement | 7 | 6 | 6 | 8 | 6 | 8 | 10 | 10 | 8 | 8 | 9 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 88 | 84 | 74 | 73 | 73 | 71 | 71 | 70 | 70 | 69 | 68 | 68 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | RB 3.00 RE 3.45 | | | | | | | | |
| Amounts of precipitation | | | | 01 | | | | | | | | |
| Cloudiness and other conditions | | PtCloudy. | | | | | | | | | | |
| Sunset: Time, 7.15 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 0.3 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| Wind direction | W | SW | SW | SW | S | SW | SW | SW | SW | S | SW | SW |
| Wind movement | 9 | 8 | 16 | 12 | 9 | 8 | 11 | 8 | 6 | 7 | 5 | 5 |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 88 | 68 | 78 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1.04 ins.

Total precipitation, midnight to midnight, 1.04 inches.

Character of day, PtCloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 6.9

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 46

Prevailing direction SW

Total movement, 197

Average hourly velocity, 8.2

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 | S | 2.10 p.m. |

Relative humidity, 93 a. m. 88 p. m.

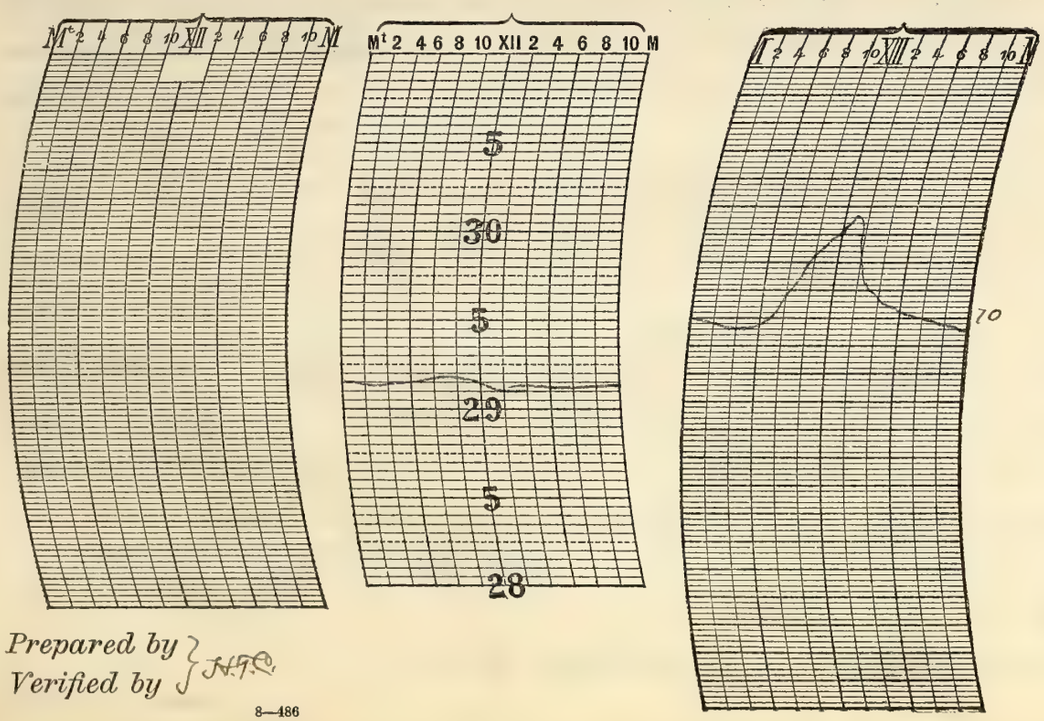
Reduced barometer, 30.10 a. m. 30.04 p. m.

River gage, 2.1 ft.

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

NOTES.

A light thunderstorm occurred at 7.10 a.m.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 10 1912, 191

Time (local standard) 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 67 | 68 | 67 | 67 | 68 | 70 | 72 | 75 | 74 | 70 | 70 | 71 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | RB 8.30 | | | RE 11.20 |
| Amounts of precipitation | | | | | | | | | T | .04 | .01 | T |
| Cloudiness and other conditions | | | | | | — Cloudy — | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 4.18 Character, Clear | | | | .70 0 | 0.9 0.1 | 1.0 | 0.3 | 0.1 | 0 | 0 | 0.5 |
| Wind direction | S | SW | SW | SW | SW | S | SW | SW | SW | SW | S | S |
| Wind movement | 7 | 8 | 8 | 5 | 7 | 7 | 10 | 9 | 7 | 13 | 12 | 13 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 72 | 73 | 78 | 81 | 79 | 79 | 78 | 77 | 74 | 73 | 73 | 73 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | — Pt Cloudy — | | | | | | | |
| Sunshine (in tenths of hours) | 0.8 | 0 | 0.7 | 1.0 | 0.8 | 0.2 | 0 | 0 | Sunset: Time, 7.15 Character, Cloudy | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W |
| Wind movement | 9 | 11 | 9 | 8 | 7 | 5 | 5 | 3 | 6 | 5 | 5 | 4 |

Maximum velocities (exceeding 29 miles) direction and time

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 81 | 67 | 74 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 7.3

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 49

Prevailing direction SW

Total movement, 183

Average hourly velocity, 5.2

Maximum velocity, 18 Direction, S Time. 11.00 a.m.

Ex 19

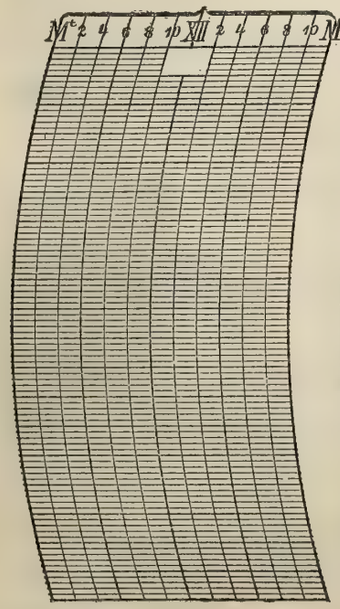
Relative humidity, 86 a. m. 88 p. m.

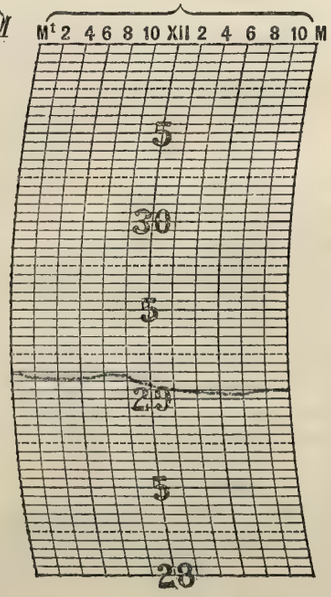
Reduced barometer, 30.03 a. m. 29.94 p. m.

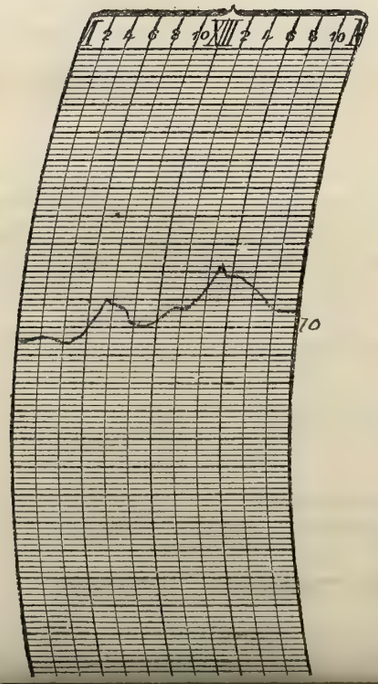
River gage, 2.4 ft

NOTES.

a light thunderstorm occurred at 9.40 a.m.




Prepared by
Verified by } H.T.C

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 11 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 72 | 70 | 70 | 69 | 69 | 70 | 71 | 73 | 75 | 78 | 80 | 82 | 85 | 86 | 86 | 85 | 84 | 84 | 81 | 79 | 77 | 75 | 73 | 71 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Pt Cloudy | | | | | | | | Pt Cloudy | | | | | | | | | |
| Sunrise: Time, 7.18 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.14 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | 0.8 | 0.9 0.1 | 0.23 0 | | | | |
| Wind direction | W | W | NW | NW | NW | NW | NW | N | NE | N | NE | NE | N | NW | NW | NW | NW | NW | N | N | N | NE | NE | E |
| Wind movement | 3 | 3 | 5 | 3 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 4 | 5 | 4 | 6 | 6 | 5 | 4 | 2 | 2 | 4 | 5 | 5 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 86 | 69 | 78 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 11.8

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 79

Prevailing direction NW

Total movement, 95

Average hourly velocity, 4.0

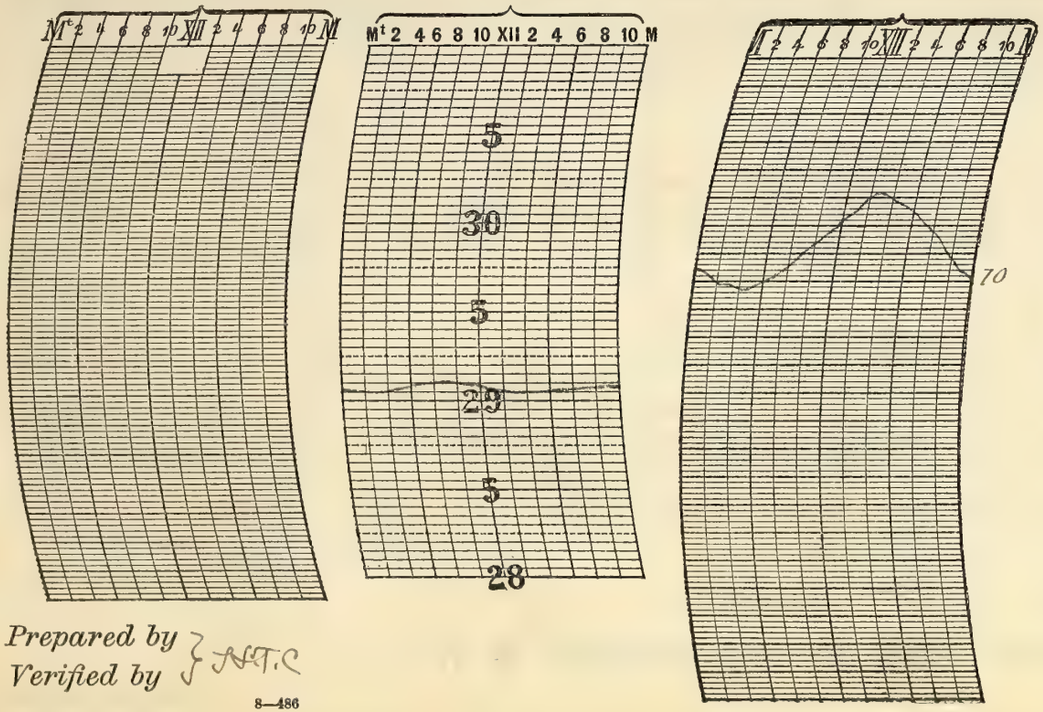
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 8 Ex 8 | NW | 3.30 p.m. |

Relative humidity, 91 a. m. 58 p. m.

Reduced barometer, 29.99 a. m. 29.94 p. m.

River gage, 2.3 ft

NOTES.




Prepared by
Verified by } N.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 12 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 71 | 71 | 70 | 66 | 64 | 66 | 72 | 75 | 79 | 82 | 84 | 86 | 86 | 85 | 85 | 86 | 85 | 83 | 81 | 80 | 78 | 77 | 76 | 76 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — | | Clear | | | | | — | | Pt Cloudy | | | | | | | | | |
| Sunrise: Time, 4.19 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.14 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 68 0 | 1.0 0 | 0.3 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 0 | 0 | 0 | | | | |
| Wind direction | SE | SE | SE | E | E | E | SE | S | S | S | S | SW | SW | SW | SW | SW | SW | SW | S | SW | S | S | S | S |
| Wind movement | 6 | 4 | 2 | 3 | 2 | 2 | 2 | 7 | 7 | 9 | 7 | 9 | 9 | 11 | 13 | 11 | 6 | 4 | 6 | 5 | 7 | 9 | 7 | 8 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 86 | 64 | 75 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 4.8

Actual sunshine, hours, 11.9

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 80

Prevailing direction S

Total movement, 156

Average hourly velocity, 6.5

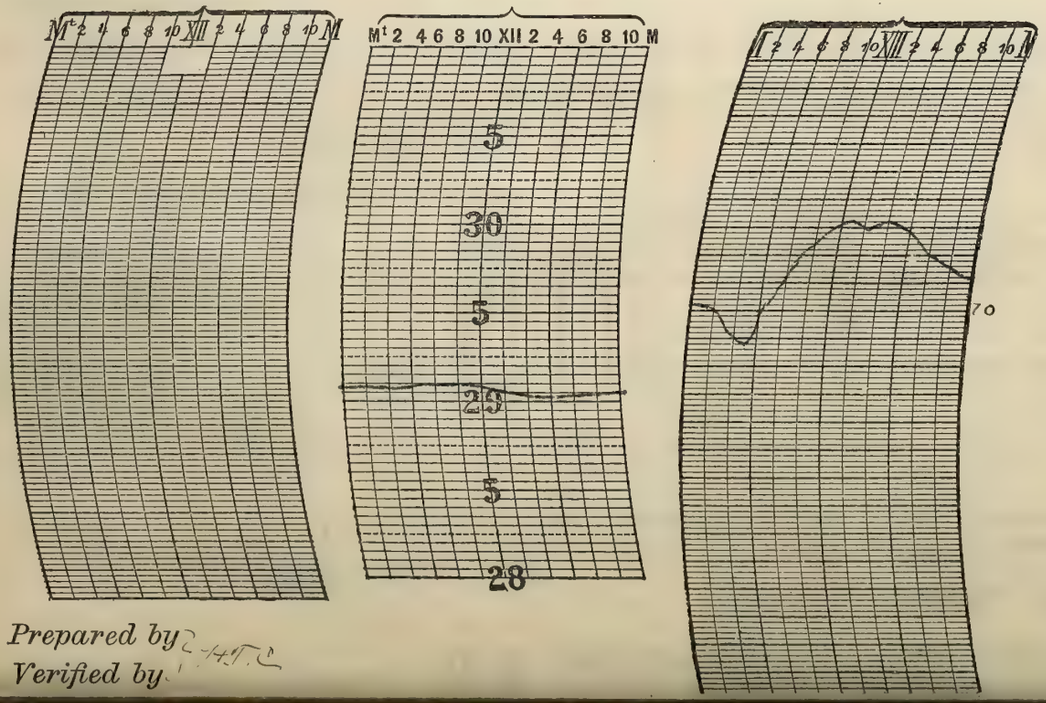
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 15 Ex 15 | SW | 2.37 p.m. |

Relative humidity, 80 a. m. 64 p. m.

Reduced barometer, 30.01 a. m. 29.93 p. m.

River gage, 2.2 ft.

NOTES.




Prepared by
Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 13 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 75 | 75 | 74 | 73 | 72 | 74 | 76 | 75 | 67 | 69 | 70 | 75 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | RB 7.21 RE 7.31 | RB 8.22 | | RE 10.45 | |
| Amounts of precipitation | | | | | | | | T | .18 | T | .01 | |
| Cloudiness and other conditions | | | | | Cloudy | | | | | | | |
| Sunrise: Time, 4.20 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | S | S | S | S | S | SW | SW | N | NE | NE | E | E |
| Wind movement | 8 | 10 | 9 | 10 | 11 | 11 | 11 | 9 | 9 | 4 | 3 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 80 | 83 | 86 | 80 | 75 | 73 | 72 | 72 | 71 | 71 | 70 | 69 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | RB 4.20 | | | | | RE 9.55 | | |
| Amounts of precipitation | | | | | .20 | .34 | T | T | .01 | .05 | | |
| Cloudiness and other conditions | | | | | Cloudy | | | | | | | |
| Sunset: Time, 7.13 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 10 | 10 | 04 | 0 | 0 | 0 | 0 | 0 | | | | |
| Wind direction | SE | S | SW | SW | SW | SE | E | E | E | S | SE | S |
| Wind movement | 7 | 10 | 12 | 12 | 7 | 2 | 2 | 4 | 6 | 8 | 6 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 86 | 67 ~~68~~ | 76 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .73 ins.

Total precipitation, midnight to midnight, .79 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 2.4

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 16

Prevailing direction S

Total movement, 182

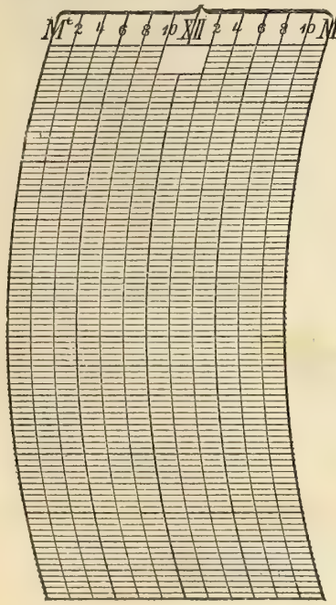
Average hourly velocity, 7.6

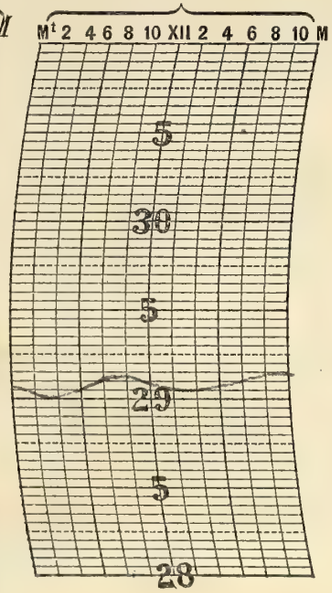
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 Ex 19 | N | 7.50 a.m. |

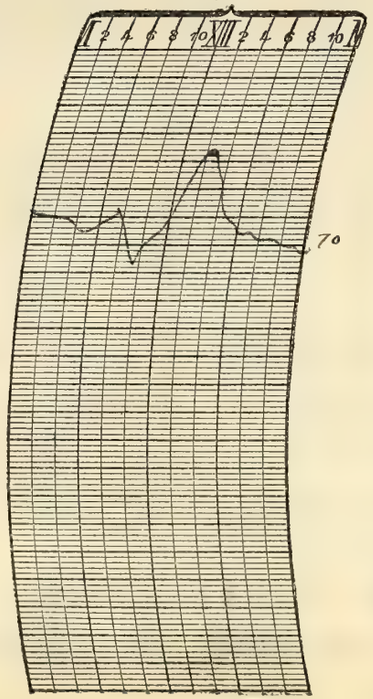
Relative humidity, 83 a. m. 98 p. m.

Reduced barometer, 29.95 a. m. 29.98 p. m.

River gage, 2.1 ft.




## NOTES.

Thunderstorms occurred at 9.00 a.m and at 4.00 p.m

Prepared by }
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 14 1912, 191

Time (local standard) 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 69 | 69 | 69 | 69 | 68 | 69 | 70 | 73 | 77 | 79 | 81 | 83 | 86 | 87 | 88 | 89 | 89 | 88 | 85 | 83 | 80 | 78 | 77 | 76 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | | | | Clear | | | | | | | | | |
| Sunrise: Time, 4.21 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.13 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.1 | 1.0 | 1.0 | 1.0 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 0.4 | .22 0 | | | | |
| Wind direction | S | S | S | S | S | S | NE | NE | NE | NE | SE | S | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 6 | 6 | 4 | 3 | 2 | 1 | 1 | 2 | 3 | 3 | 5 | 7 | 7 | 7 | 7 | 8 | 7 | 6 | 5 | 5 | 5 | 6 | 6 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 89 | 68 ~~67~~ | ~~74~~ 78 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, New Moon

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 12.1

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 81

Prevailing direction SW

Total movement, 118

Average hourly velocity, 4.9

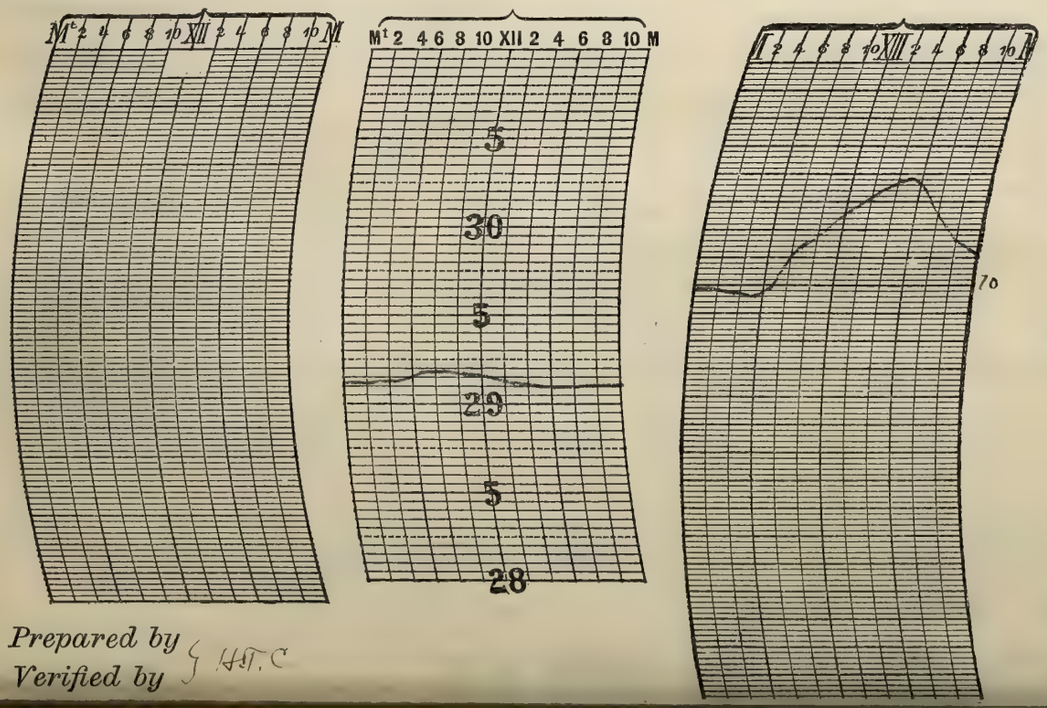
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 10 Ex 10 | SW | 3.30 p.m. |

Relative humidity, 93 a. m. 63 p. m.

Reduced barometer, 30.10 a. m. 30.00 p. m.

River gage, 2.7 ft.

NOTES.




Prepared by
Verified by J. H. T. C

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 15 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 75 | 74 | 74 | 74 | 73 | 76 | 78 | 83 | 85 | 87 | 88 (89) | 84 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | Clear | | | | | | | |
| Sunrise: Time, 4.21 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | SW | S | S | S | S | SW | SW | SW | SW | SW | W | W |
| Wind movement | 6 | 8 | 8 | 8 | 10 | 10 | 10 | 10 | 11 | 11 | 10 | 12 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 82 | 79 | 78 | 76 | 75 | 74 | 71 | 69 | 68 | 68 | 67 | 67 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | R 5 7.10 RE 7.15 | | | | |
| Amounts of precipitation | | | | | | | | T | | | | |
| Cloudiness and other conditions | | | | | Partly Cloudy | | | | | | | |
| Sunset: Time, 7.12 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0.6 | 0 | 0.5 | 0 | 0 | 0 | 0 | 0 | | | | |
| Wind direction | NW | NW | NW | NW | NW | N | NE | NE | NE | NE | NE | NE |
| Wind movement | 14 | 13 | 15 | 11 | 10 | 11 | 15 | 9 | 8 | 7 | 8 | 8 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 89 | 67 | 78 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Partly Cloudy ~~Clear~~ Moon phase,

Average daily cloudiness (0–10)

Actual sunshine, hours, ~~14.~~ 6.2

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 42

Prevailing direction NE, SW

Total movement, 245

Average hourly velocity, 10.2

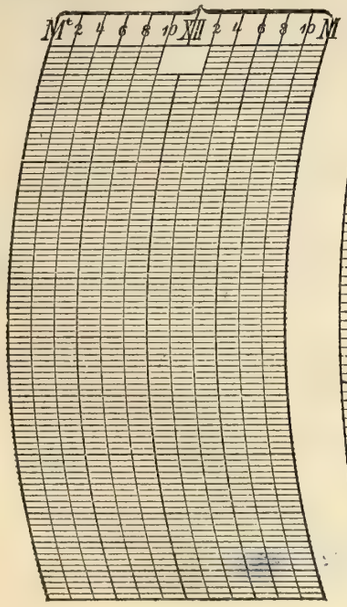
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 23 | NW | 1.15 p.m. |
| Ex 23 | | |

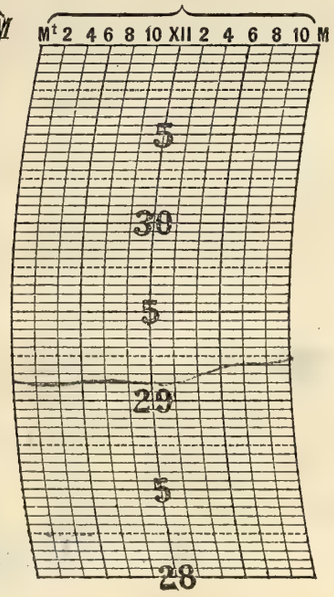
Relative humidity, 89 a. m. 86 p. m.

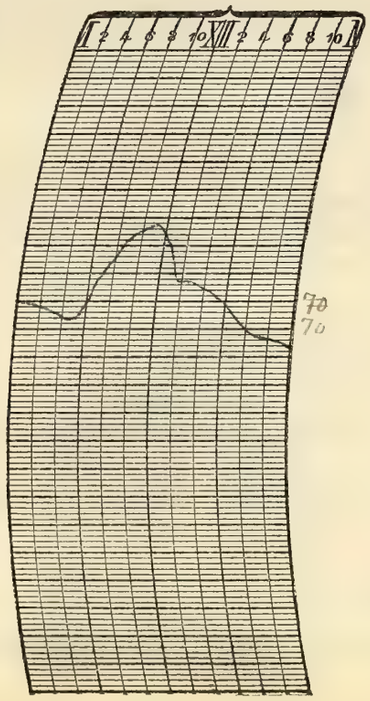
Reduced barometer, 30.02 a. m. 30.10 p. m.

River gage, 3.9 ft.

NOTES.






Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

JUL 16 1912

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) ....., 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 65 | 64 | 64 | 63 | 62 | 61 | 62 | 63 | 65 | 67 | 69 | 71 | 74 | 77 | 76 | 75 6 | 74 5 | 74 | 72 4 | 72 | 70 | 68 | 67 | 66 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | | Clear | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 4.22 Character, Clear | | | | 0.3 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 | 0 | 0 | Sunset: Time, 7.11 Character, Cloudy | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | E | NE | NE | NE | E | NE | NE | NE | NE | NE | NE | E | E | E | E | E |
| Wind movement | 9 | 11 | 12 | 10 | 11 | 12 | 12 | 8 | 7 | 8 | 5 | 6 | 5 | 7 | 5 | 6 | 5 | 5 | 2 | 3 | 6 | 6 | 6 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 77 | 61 | 69.88 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, .....

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 12.8

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 86

Prevailing direction NE

Total movement, 117

Average hourly velocity, 7.1

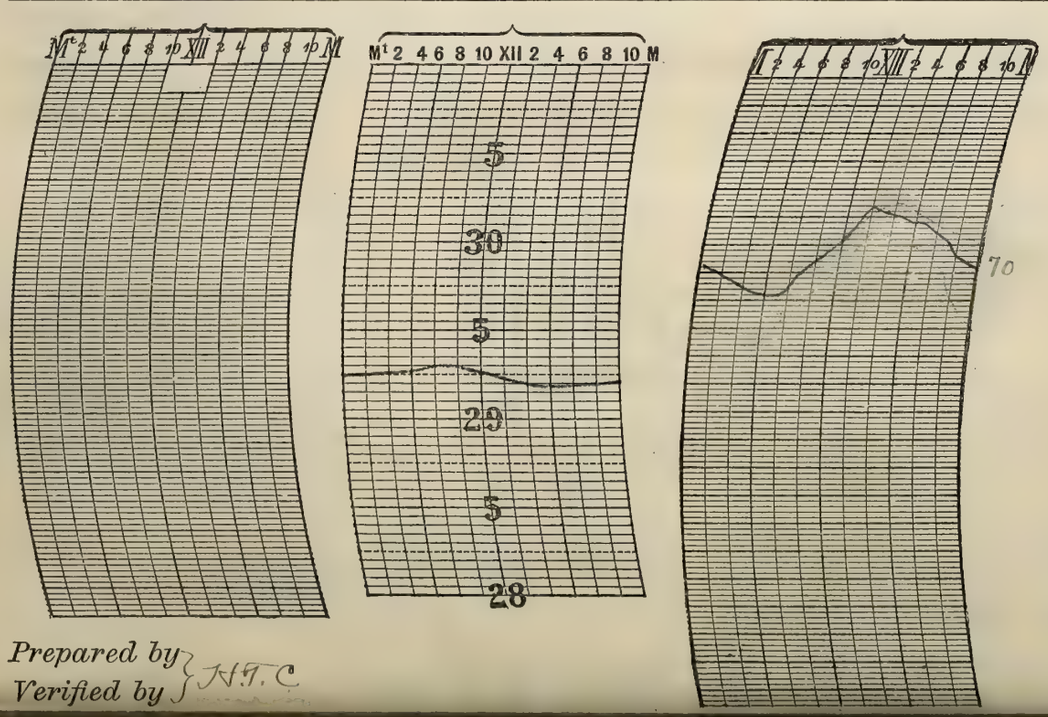
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 15 Ex 15 | NE | 5.55 a.m. |

Relative humidity, 66 a. m. 60 p. m.

Reduced barometer, 30.22 a. m. 30.10 p. m.

River gage, 7.1 ft.

NOTES.




Prepared by
Verified by } H.T.C

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 17 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 66 | 65 | 65 | 64 | 62 | 64 | 67 | 68 | 70 | 74 | 78 | 79 | 82 | 83 | 84 | 83 | 84 | 83 | 81 | 79 | 74 | 70 | 68 | 67 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | Pt Cloudy | | | | | | | | Pt Cloudy | | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 4.23 Character, Cloudy | | | | 0 | 0 | 0.4 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | 0.6 | 1.0 | 0.4 | 0.2 | 0 | Sunset: Time, 7.11 Character, Clear | | | |
| Wind direction | E | NE | NE | NE | NE | NE | NE | NW | NE | NE | NE | NE | NE | NW | NW | NW | NW | N | N | W | N | N | N | NW |
| Wind movement | 4 | 2 | 2 | 4 | 5 | 4 | 6 | 6 | 3 | 5 | 5 | 5 | 5 | 6 | 6 | 8 | 8 | 5 | 4 | 3 | 7 | 3 | 3 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 84 | 62 | 73 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 11.0

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 74

Prevailing direction NE

Total movement, 118

Average hourly velocity, 4.9

Maximum velocity, 10 Direction, NW Time, 4.10 p.m.

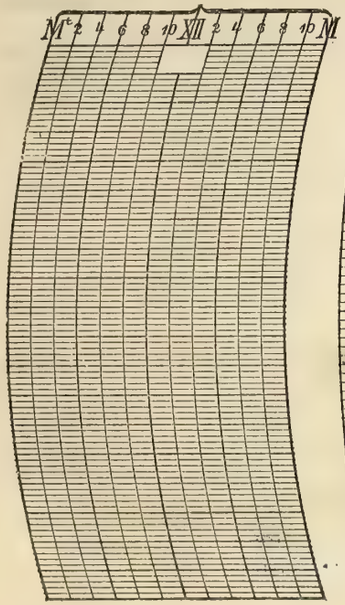
Ex 10

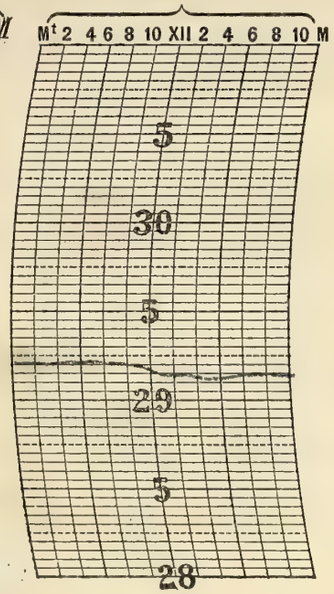
Relative humidity, 85 a. m. 58 p. m.

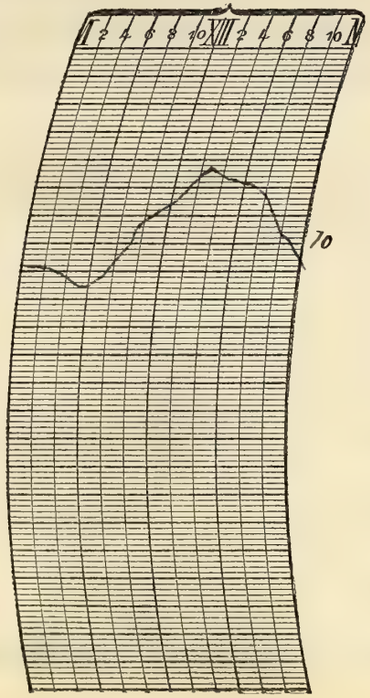
Reduced barometer, 30.13 a. m. 30.06 p. m.

River gage, 6.9 ft

NOTES.




Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 18 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 67 | 67 | 66 | 65 | 64 | 64 | 69 | 72 | 74 | 78 | 82 | 83 | 81 | 77 | 76 | 74 | 72 | 70 | 68 | 66 | 64 | 62 | 61 | 60 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | | | | Clear | | | | | | | | | |
| Sunrise: Time, 4.24 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.10 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | .60 0 | 0.8 0.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | 0.9 | 1.0 | 1.0 | 1.0 0 | .17 0 | | | | |
| Wind direction | N | N | N | N | N | N | N | N | N | NW | W | W | NW | NW | N | N | N | N | N | N | N | N | N | N |
| Wind movement | 2 | 3 | 5 | 3 | 5 | 4 | 4 | 4 | 3 | 5 | 6 | 9 | 14 | 15 | 13 | 12 | 10 | 10 | 8 | 5 | 4 | 2 | 2 | 3 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

---------- hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 83 | 60 | 72 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 14.3

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 96

Prevailing direction N

Total movement, 151

Average hourly velocity, 6.3

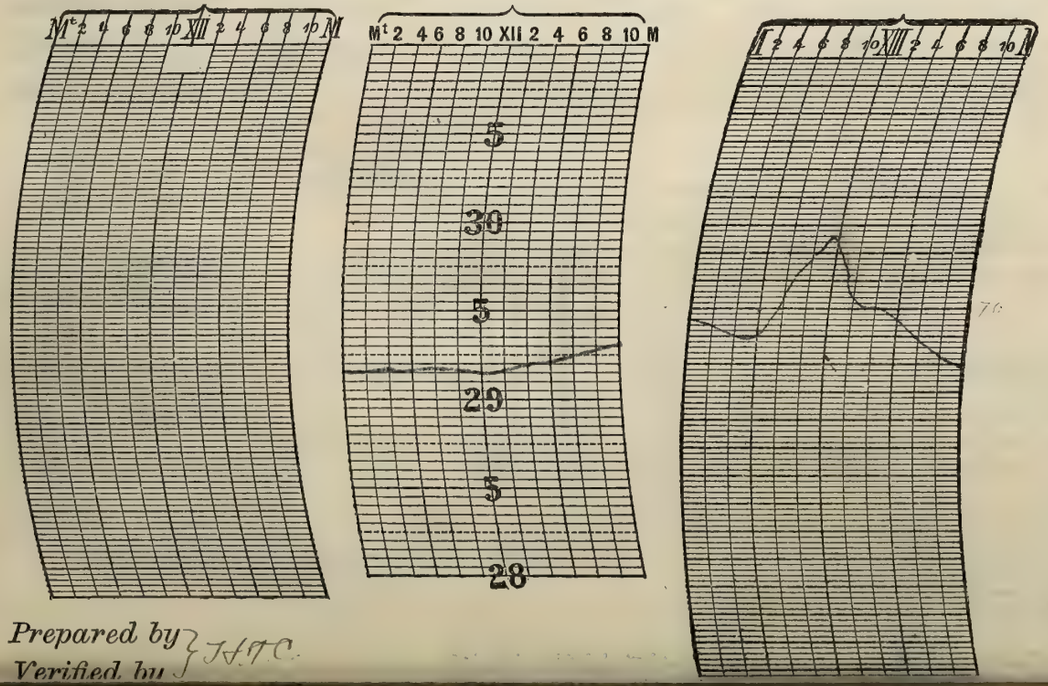
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 | NW | 1.25 p.m. |

Relative humidity, 90 a. m. 72 p. m.

Reduced barometer, 30.08 a. m. 30.14 p. m.

River gage, 5.9 ft 5.2 ft

NOTES.




Prepared by
Verified by } J.H.T.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 19 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 59 | 58 | 56 | 54 | 53 | 54 | 56 | 54 | 61 | 63 | 65 | 67 | 68 | 69 | 70 | 71 | 70 | 68 | 66 | 64 | 63 | 63 | 62 | 61 |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — Clear — | | | | | | | — Pt Cloudy — | | | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 4.25 Character, Clear | | | | .59 0 | 1.0 0 | 0.1 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0 | 0 | 0 | 0 | Sunset: Time, 7.09 Character, Cloudy | | | |
| Wind direction | N | N | N | N | N | N | N | NE | N | N | N | E | NE | E | E | E | E | E | E | E | E | E | E | E |
| Wind movement | 5 | 7 | 8 | 7 | 6 | 9 | 8 | 11 | 11 | 10 | 7 | 6 | 5 | 5 | 5 | 4 | 6 | 4 | 3 | 3 | 2 | 5 | 3 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 71 | 53 | 62 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 11.1

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 76

Prevailing direction E

Total movement, 146

Average hourly velocity, 6.1

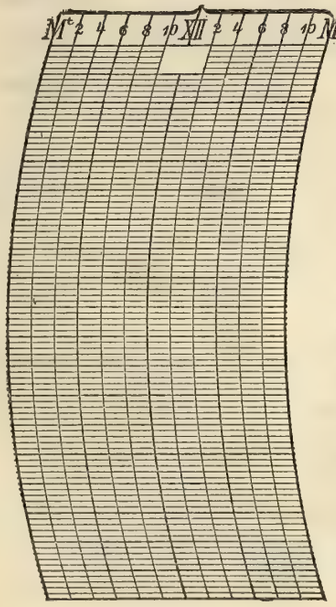
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 15 | NE | 8.00 a.m. |
| Ex 15 | | |

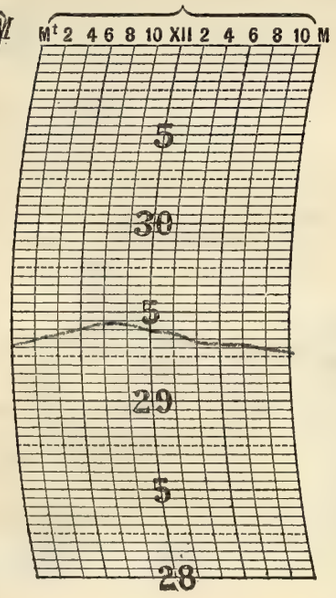
Relative humidity, 66 a. m. 45 p. m.

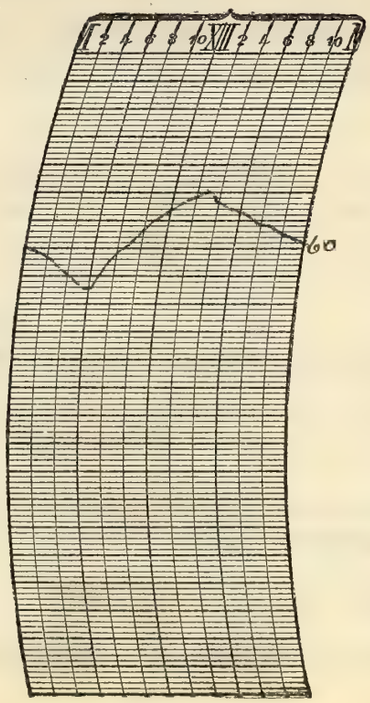
Reduced barometer, 30.34 a. m. 30.24 p. m.

River gage,

NOTES.




Prepared by
Verified by J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 20 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 58 | 58 | 58 | 58 | 59 | 61 | 63 | 66 | 69 | 71 | 72 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | RB DN RE DN | | | | RB 7.43 | RE 8.50 | | | |
| Amounts of precipitation | | | | T | | | | T | T | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | |
| Sunrise: Time 4.26 Character Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 |
| Wind direction | E | E | NE | NE | E | E | SE | SE | SE | SE | SE | SE |
| Wind movement | 6 | 4 | 6 | 5 | 5 | 3 | 4 | 5 | 4 | 4 | 7 | 6 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 77 | 77 | 78 | 78 | 77 | 76 | 75 | 74 | 74 | 73 | 74 | 74 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Pt Cloudy | | | | | | | | | |
| Sunset: Time 7.09 Character Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 0.7 | 0.1 | 0.2 | 0 | 0 | | | | |
| Wind direction | SE | SE | SE | SE | SE | SE | E | E | SE | S | S | S |
| Wind movement | 6 | 8 | 8 | 8 | 8 | 6 | 3 | 4 | 6 | 7 | 7 | 8 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 78 | 58 | 68 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 6.0

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 41

Prevailing direction SE

Total movement, 138

Average hourly velocity, 5.8

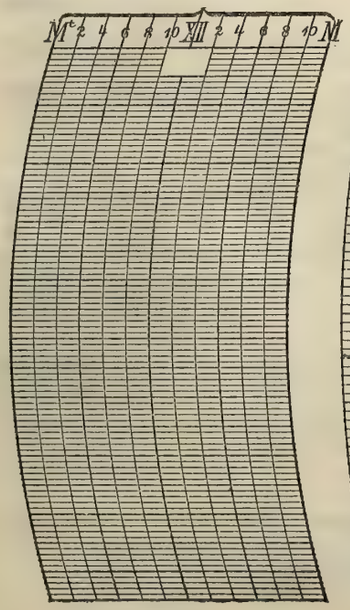
Maximum velocity, 10 Ex 10 Direction, SE Time. 2.45 p.m.

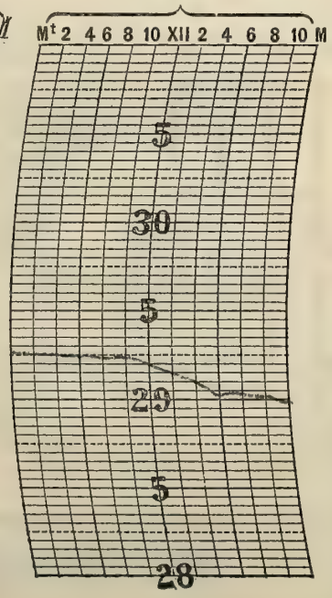
Relative humidity, 79 a. m. 66 p. m.

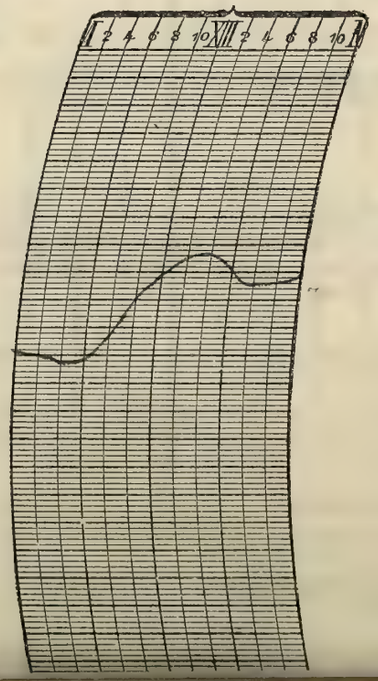
Reduced barometer, 30.18 a. m. 29.95 p. m.

River gage, 4.7 ft.

NOTES.





Prepared by
Verified by } H.T.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 21 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 74 | 75 | 67 | 67 | 68 | 70 | 70 | 73 | 72 | 75 | 75 | 75 | 76 | 76 | 77 | 78 | 76 | 73 | 72 | 70 | 67 | 66 | 66 | 65 |
| State of weather: Nature of precipitation and time of beginning and ending | | | RB DN | | RE PN | | | RB 7.10 | RE 8.20 | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | .43 | .47 | .23 | | | T | T | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | Cloudy | | | | | | | Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0 | 0.4 | 0.5 | 0.3 | 0.7 | 0.7 | 1.0 | 0.9 | 0.2 | 0 | 0 | 0 | | | | |
| Wind direction | SW | SW | W | W | SW | SW | SW | SW | W | W | SW | W | W | SW | W | W | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 9 | 11 | 13 | 5 | 3 | 4 | 1 | 2 | 10 | 9 | 7 | 8 | 10 | 11 | 9 | 9 | 8 | 10 | 8 | 9 | 7 | 4 | 2 | 2 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 4.27 Character, Cloudy

Sunset: Time, 7.08 Character, Cloudy

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | DNa | DNa | 1.13 | 2.35a | 3.27a | .10 | .08 | .20 | .25 | .29 | .30 (3) | .40 | .44 | .56 | .70 | .78 (8) | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 78 | 65 | 72 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 1.13 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 1.13 inches.

Character of day, Cloudy Moon phase, First Quarter

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 4.7

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 32

Prevailing direction SW, W, NW,

Total movement, 171

Average hourly velocity, 7.1

| Maximum velocity, | Direction, | Time |
|---|---|---|
| 23 Ex 27 | NW | 2.25 a.m. |

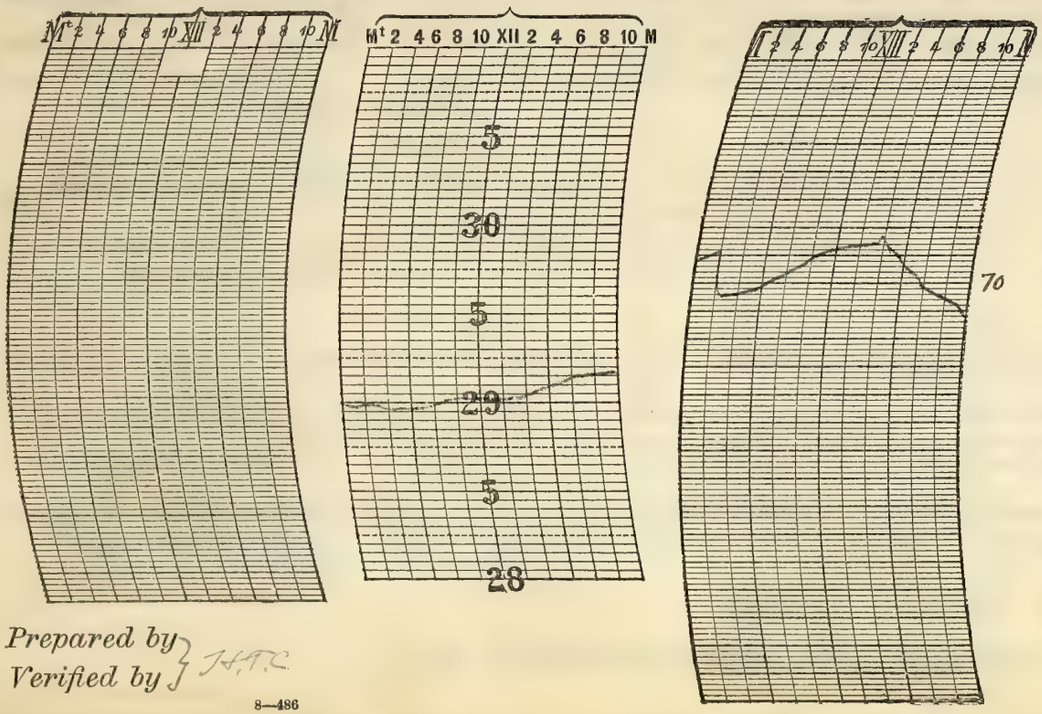
Relative humidity, 95 a. m. 80 p. m.

Reduced barometer, 29.86 a. m. 30.01 p. m.

River gage, 5.1 ft.

NOTES.

A severe thunderstorm occurred at 2.00 a.m.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 22 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 63 | 62 | 61 | 61 | 62 | 62 | 67 | 69 | 71 | 73 | 75 | 76 | 78 | 80 | 81 | 81 | 80 | 79 | 77 | 76 | 74 | 72 | 70 | 69 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | — | | | Clear | | | | — | — | | Clear | | | | | | | | | |
| Sunrise: Time, Character | 4.27 Clear | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character | | | |
| Sunshine (in tenths of hours) | | | | | .55 0 | 0.9 0.1 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 0.8 | 1.0 0 | .12 0 | 7.07 | Clear | | |
| Wind direction | NW | NW | N | 0 | 0 | N | N | N | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | 0 | E | E | E | SE | SE |
| Wind movement | 2 | 4 | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 3 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 0 | 1 | 1 | 4 | 4 | 2 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

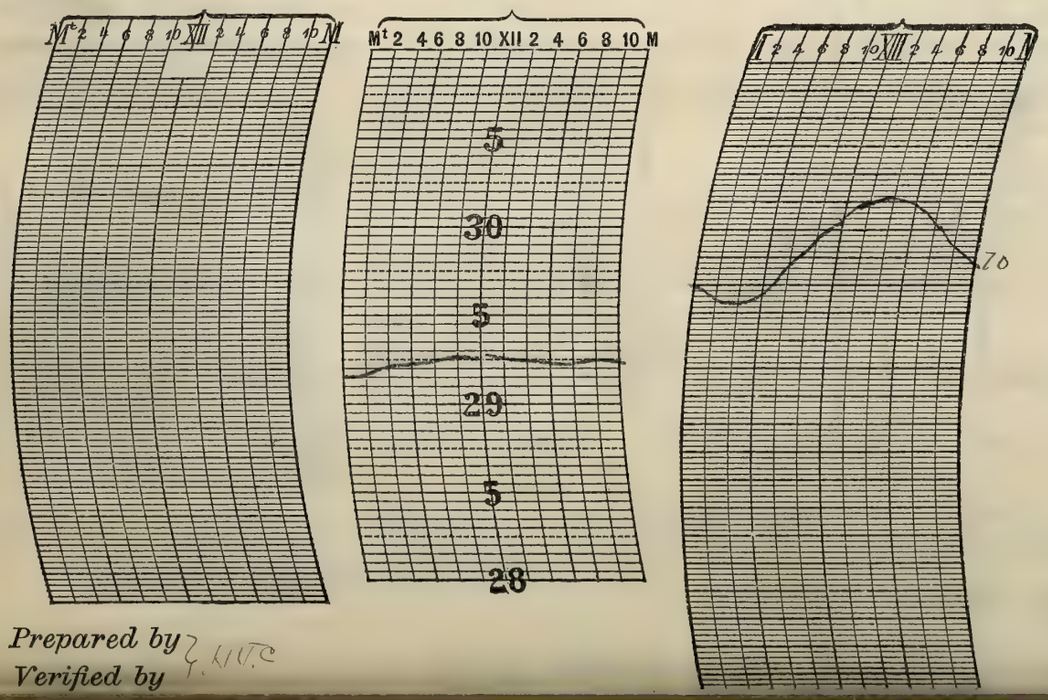
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 81 | 61 | 71 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 14.4
Possible sunshine, hours, 14.7
Percentage of possible sunshine, 98
Prevailing direction NE
Total movement, 41
Average hourly velocity, 1.7

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 5 Ex 5 | NW | 1.35 a.m. |

Relative humidity, 90 a. m., 56 p. m.
Reduced barometer, 30.17 a. m., 30.16 p. m.
River gage, 6.2 ft

NOTES.




Prepared by
Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 23 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 67 | 67 | 64 | 64 | 63 | 64 | 67 | 69 | 72 | 77 | 78 | 80 | 81 | 82 | 81 | 80 | 80 | 79 | 78 | 77 | 77 | 76 | 75 | 74 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | RD RE DN |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | .07 |
| Cloudiness and other conditions | | | | | | Cloudy | | | | | | | Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.9 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| Wind direction | E | SE | E | E | E | E | E | SE | SE | SE | S | S | S | S | S | S | S | SE | SE | SE | SE | SE | S | SW |
| Wind movement | 2 | 1 | 2 | 2 | 4 | 2 | 2 | 7 | 6 | 6 | 7 | 5 | 6 | 7 | 7 | 7 | 7 | 5 | 4 | 5 | 7 | 8 | 10 | 10 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 4.28; Character, Cloudy

Sunset: Time, 7.06; Character, Cloudy

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 82 | 63 | 72 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .07 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 6.3

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 43

Prevailing direction SE

Total movement, 129

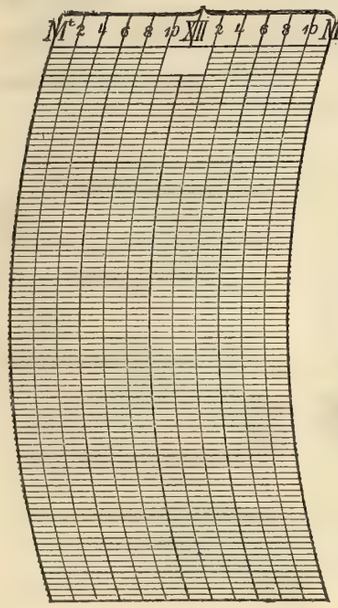
Average hourly velocity, 5.4

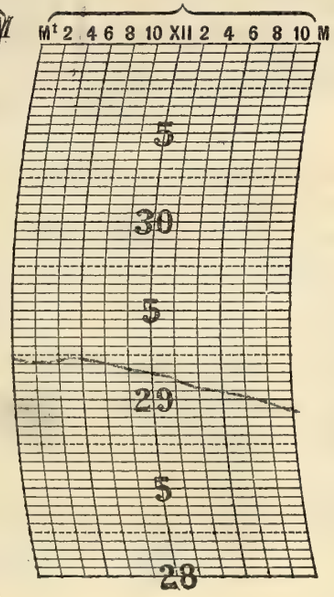
Maximum velocity, Pt 14, Ex 14; Direction, S; Time, 11.25 p.m.

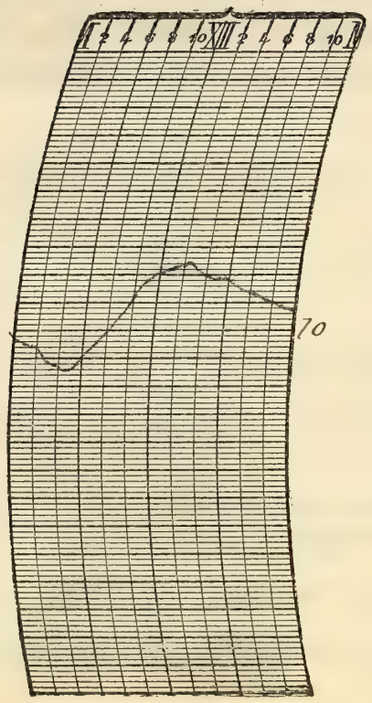
Relative humidity, 73 a. m., 75 p. m.

Reduced barometer, 30.15 a. m., 29.95 p. m.

River gage, 5.0 ft






NOTES.

A moderate thundershower occurred at 11.00 p.m.

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 24 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 74 75 | 76 | 75 | 75 | 75 | 76 | 78 | 81 | 84 | 86 | 88 | 89 90 | 88 | 88 | 89 | 89 | 87 | 85 | 82 | 79 | 76 | 75 | 74 | 73 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | — | Cloudy | | | | | | | — | Clear | | | | | | | | | | |
| Sunrise: Time, 4.29 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.05 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.1 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 0.4 | 1.0 0 | .08 0 | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | W | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 12 | 14 | 14 | 14 | 13 | 12 | 14 | 15 | 18 | 18 | 17 | 18 | 19 | 17 | 16 | 16 | 17 | 14 | 16 | 12 | 9 | 10 | 8 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

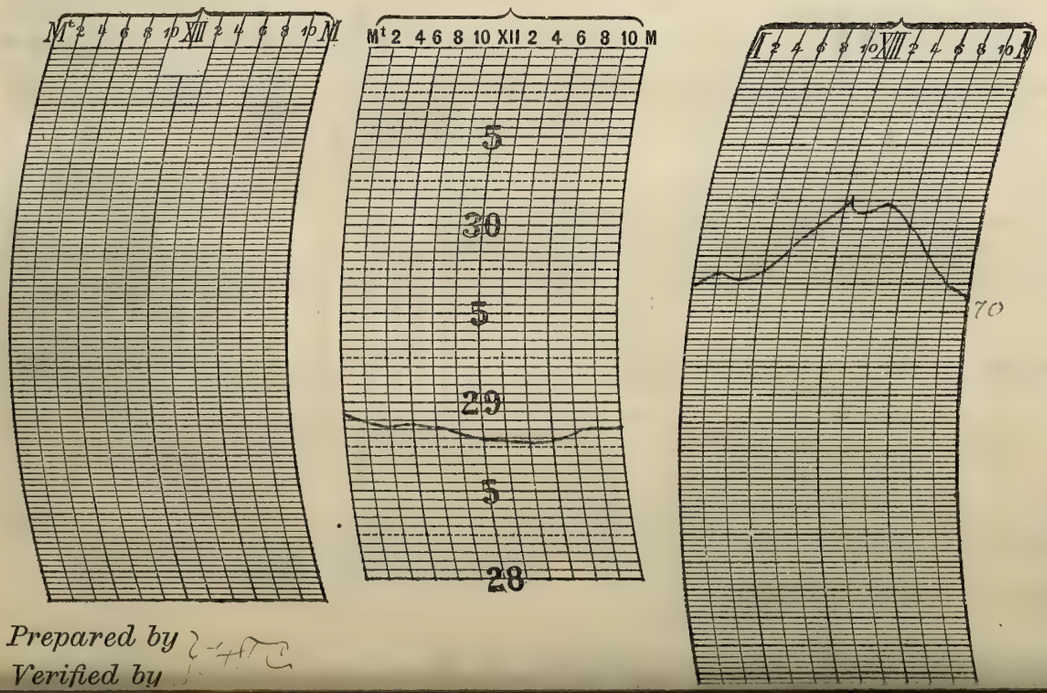
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 90 | 73 | 82 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .07 ins.; to 7 p. m., 7 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 11.9
Possible sunshine, hours, 14.6
Percentage of possible sunshine, 82
Prevailing direction SW
Total movement, 340
Average hourly velocity, 14.2

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 22 Ex 22 | SW | 9.18 a.m |

Relative humidity, 83 a. m. 70 p. m.
Reduced barometer, 29.77 a. m. 29.71 p. m.
River gage, 5.2 ft

NOTES.




Prepared by
Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

JUL 25 1912

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) ....., 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 72 | 71 | 71 | 70 | 69 | 70 | 73 | 75 | 77 | 80 | 81 | 82 | 83 | 83 | 84 | 80 | 77 | 75 | 72 | 70 | 67 | 66 | 65 | 64 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | Clear | | | | | | | | | Clear | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 430 Character, Clear | | | | .50 0 | 1.0 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.1 0.9 | 1.0 0 | 0.9 0 | Sunset: Time, 704 Character, Clear | | | |
| Wind direction | W | W | NW | W | W | W | NW | W | W | W | W | W | W | W | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 7 | 5 | 4 | 4 | 5 | 5 | 8 | 6 | 9 | 13 | 14 | 15 | 18 | 20 | 18 | 20 | 20 | 20 | 15 | 15 | 13 | 10 | 11 | 11 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 84 | 64 | 74 | |

Total depth of snow for 24 hours ending 7 p. m. 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, .....

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 14.6

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 100

Prevailing direction W, NW

Total movement, 286

Average hourly velocity, 11.9

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 24 | NW | 4.30 p.m. |
| Ex 24 | | |

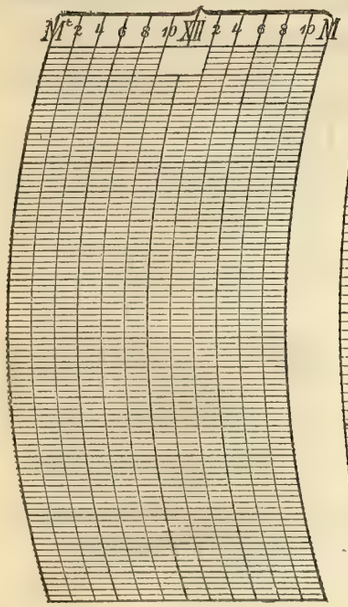
Relative humidity, 89 a. m. 67 p. m.

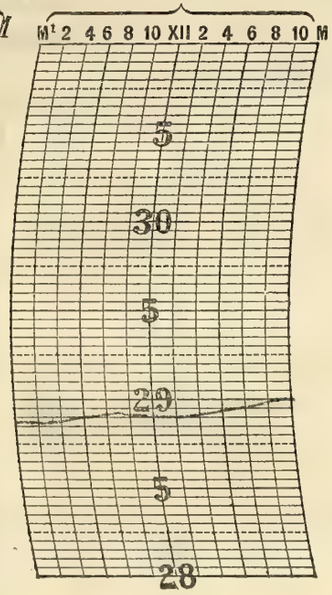
Reduced barometer, 29.82 a. m. 29.86 p. m.

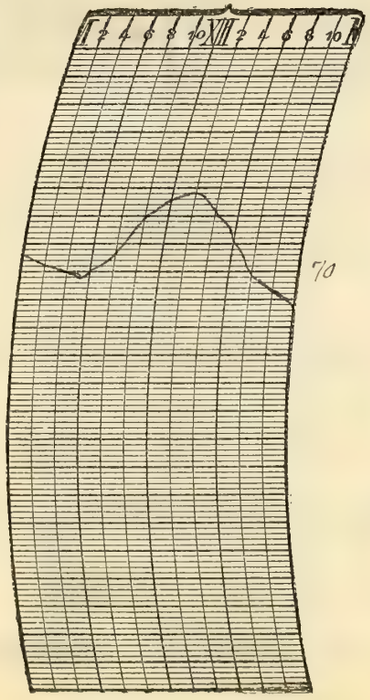
River gage, 5.0 ft.

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

NOTES.




Prepared by J. H. C.

Verified by J

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 26 1912, 191

Time (local standard) 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 64 | 65 | 63 | 61 | 60 | 59 | 63 | 64 | 66 | 68 | 70 | 72 | 73 | 74 | 75 | 76 | 74 | 75 | 70 | 68 | 65 | 62 | 61 | 60 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — | | Partly Cloudy | | | | | — | | Clear | | | | | | | | | |
| Sunrise: Time, 4.31 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.03 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0.1 (.48, 0.9) | 1.0 | 1.0 | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0 | 0 | 0 | | | | |
| Wind direction | N | NW | NW | NW | NW | NW | NW | N | N | NW | NW | NW | NW | N | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 10 | 13 | 10 | 8 | 8 | 6 | 9 | 11 | 9 | 10 | 10 | 10 | 11 | 10 | 11 | 11 | 10 | 8 | 10 | 9 | 9 | 8 | 6 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 76 | 59 | 68 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 11.9

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 82

Prevailing direction NW

Total movement, 223

Average hourly velocity, 9.2 9.3

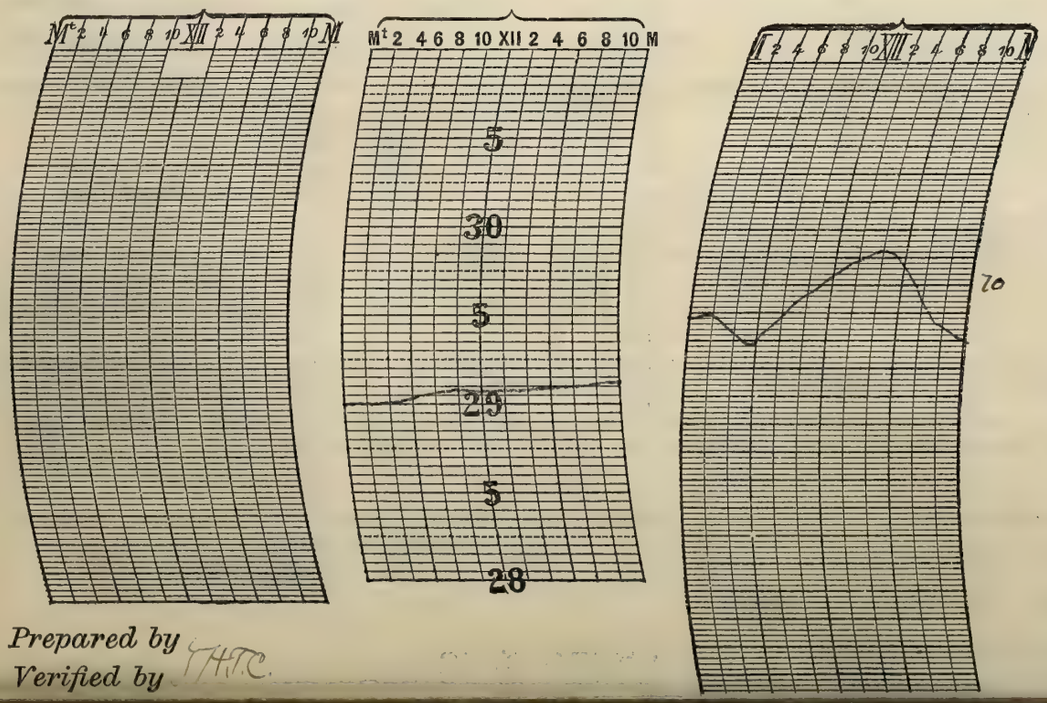
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 15 Ex 16 | NW | 12 0 a.m. |

Relative humidity, 74 a. m. 77 p. m.

Reduced barometer, 29.97 a. m. [illegible] p. m.

River gage, 4.3 ft

NOTES.




Prepared by

Verified by GHTC

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 27 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 59 | 59 | 58 | 58 | 58 | 58 | 64 | 65 | 70 | 72 | 75 | 76 | 77 | 78 | 79 | 81 | 80 | 79 | 77 | 76 | 75 | 72 | 71 | 70 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — | Clear | | | | — | | — | | Clear | | | | — | | | | | |
| Sunrise: Time, 4.32 Character, Clear | | | | | .47 | 1.0 | | | | | | | | | | | | 0.4 | 1.0 | .05 | Sunset: Time, 7.03 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | 0 | 0 | | | | |
| Wind direction | NW | NW | N | N | N | N | N | NE | N | N | NW | NW | NW | NW | NW | NW | ~~NW~~ W | W | W | O | W | W | W | W |
| Wind movement | 5 | 5 | 5 | 4 | 3 | 3 | 5 | 3 | 3 | 5 | 6 | 5 | 7 | 8 | 7 | 5 | 6 | 4 | 2 | 0 | 1 | 2 | 4 | 3 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 81 | 58 | 70 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 14.5

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 100

Prevailing direction NW

Total movement, 101

Average hourly velocity, 4.2

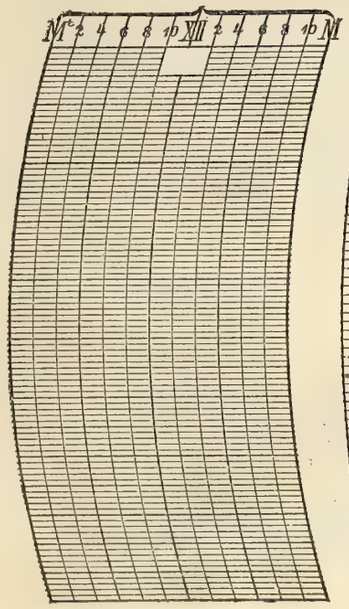
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 10 | NW | 1.00 p.m. |
| E 10 | | |

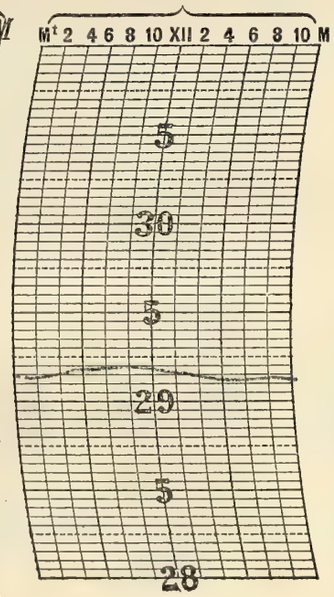
Relative humidity, 79 a. m. 63 p. m.

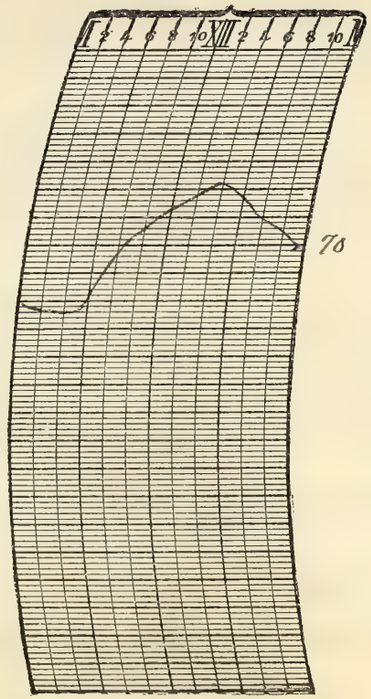
Reduced barometer, 29.9 a. m. 30.03 p. m.

River gage, 3.9 ft.

NOTES.




Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 28 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 70 | 70 | 69 | 68 | 67 | 67 | 68 | 70 | 72 | 68 | 70 | 73 | 74 | 74 | 75 | 77 | 80 | 79 | 77 | 76 | 75 | 74 | 75 | 74 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | RB DN RE DN | | | RB 8.40 | | RE 10.10 | | | | | | | | | | | RB 9.10 RL 9.2 | | |
| State of weather: Amounts of precipitation | | | | | | T | | | .03 | .07 | T | | | | | | | | | | | T | | |
| State of weather: Cloudiness and other conditions | | | | | | — Cloudy — | | | | | | | — Partly Cloudy — | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | 0 | 0 | | | | |
| Wind direction | S | S | S | S | SW | SW | SW | SW | SW | SW | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W |
| Wind movement | 2 | 4 | 6 | 6 | 5 | 6 | 6 | 6 | 8 | 8 | 10 | 8 | 14 | 12 | 10 | 10 | 11 | 11 | 8 | 9 | 11 | 14 | 13 | 5 |

Sunrise: Time, 4.33 Character, Cloudy

Sunset: Time, 7.02 Character, Cloudy

Maximum velocities (exceeding 27 miles) direction and time 27

| | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 80 | 67 | 74 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Cloudy Moon phase, Full Moon

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 5.1

Possible sunshine, hours, 14.45

Percentage of possible sunshine, 35

Prevailing direction SW

Total movement, 203

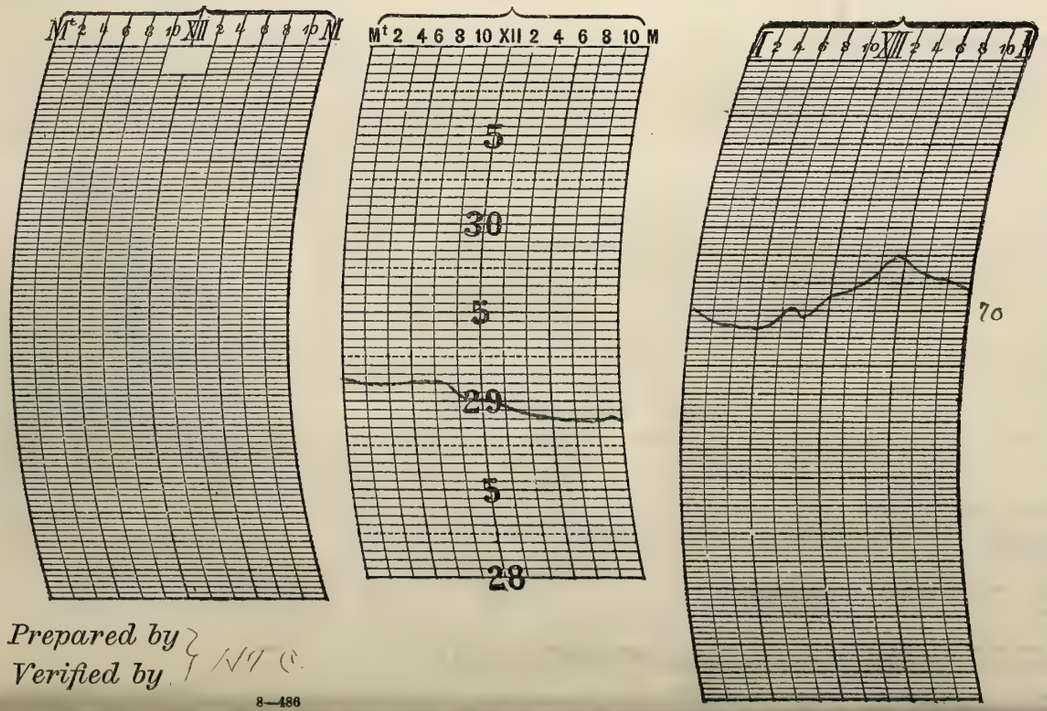
Average hourly velocity, 8.5

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 Ex 20 | SW | 12.37 p.m. |

| | a. m. | p. m. |
|---|---|---|
| Relative humidity, | 85 | 71 |
| Reduced barometer, | 30.01 | 29.80 |

River gage, 3.6 ft.

NOTES.




Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 29 1912, 191

Time (local standard) 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 72 | 69 | 68 | 67 | 67 | 66 | 67 | 66 | 70 | 72 | 75 | 76 | 78 | 77 | 79 | 78 | 77 | 75 | 72 | 70 | 68 | 66 | 65 | 63 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | — | | Partly | | Cloudy | | | | — | | Clear | | | | | | | | | |
| | Sunrise: Time, 4.34 Character, Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, 7.01 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.4 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0 | 0 | | | | |
| Wind direction | SW | SW | SW | W | W | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 10 | 10 | 9 | 9 | 9 | 8 | 12 | 10 | 10 | 13 | 15 | 14 | 14 | 15 | 15 | 16 | 15 | 12 | 9 | 7 | 7 | 6 | 6 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 79 | 63 | 71 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 3

Actual sunshine, hours, 10.9

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 76

Prevailing direction NW

Total movement, 257

Average hourly velocity, 10.7

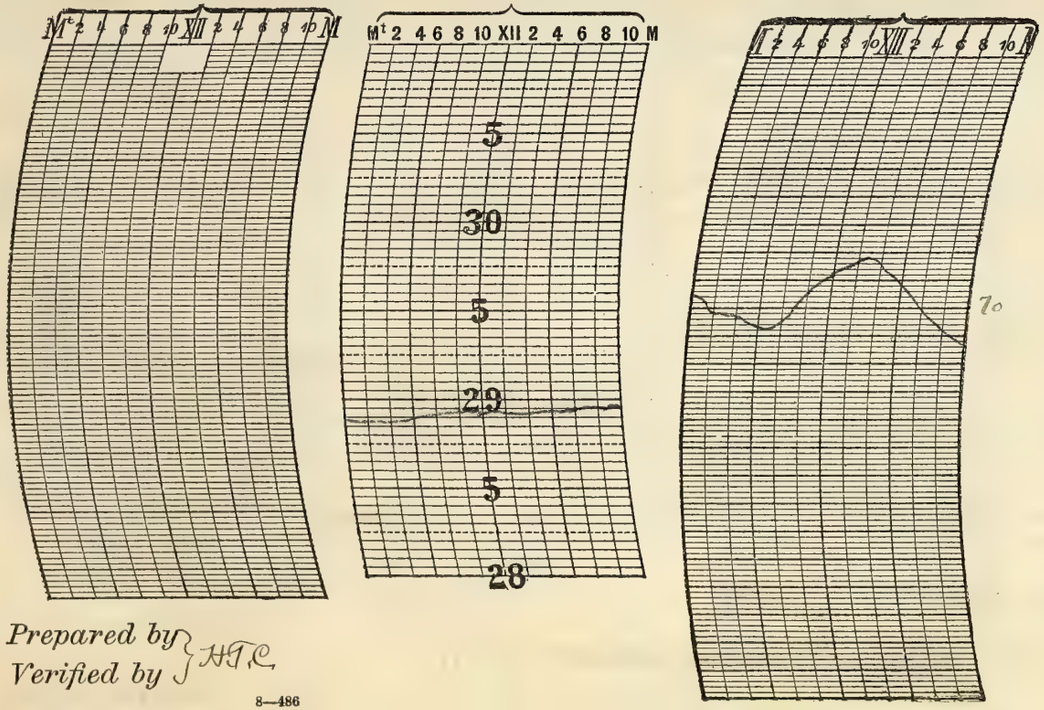
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 18 | NW | 3.00 p.m. |
| Ex 18 | | |

Relative humidity, 85 a. m. 51 p. m.

Reduced barometer, 29.80 a. m. 29.83 p. m.

River gage, 3.4

NOTES.




Prepared by
Verified by } HTC

8—486

Form No. 1014—Mot'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL ~~28~~ 30 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 62 | 61 | 59 | 58 | 57 | 57 | 60 | 63 | 66 | 71 | 73 | 75 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | |
| Sunrise: Time, 4.35 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | NW | NW | NW | NW | NW | NW | SW | SW | SW | SW | SW | SW |
| Wind movement | 5 | 6 | 5 | 4 | 4 | 4 | 3 | 3 | 6 | 9 | 10 | 10 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 77 | 79 | 80 | 78 | 76 | 73 | 70 | 65 | 64 | 64 | 62 | 61 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | RB 3.47 RE 3.55 | | | RB 6.30 | RE 7.50 | | | | |
| Amounts of precipitation | | | | T | | | .02 | .08 | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | |
| Sunset: Time, 7.00 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 0.6 | 0.8 | 0 | 0 | 0 | | | | |
| Wind direction | W | SW | W | SW | W | W | W | W | SW | SW | W | W |
| Wind movement | 12 | 13 | 14 | 15 | 8 | 11 | 13 | 8 | 6 | 5 | 2 | 5 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

/ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 80 | 57 | 68 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 11.8

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 82

Prevailing direction SW

Total movement, 181

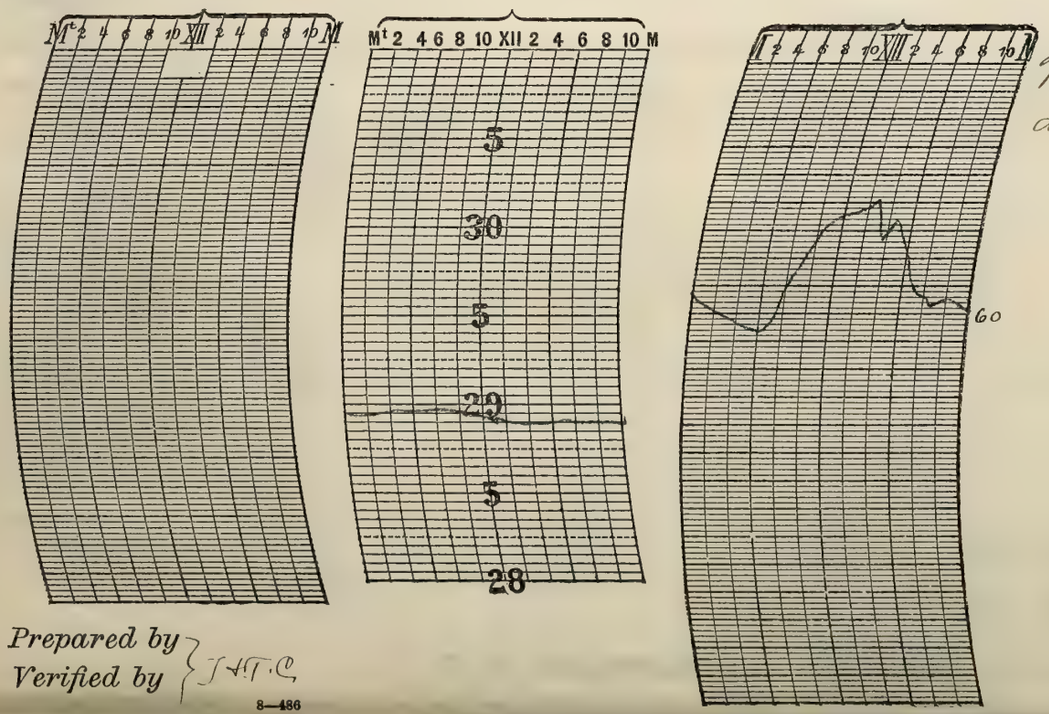
Average hourly velocity, 7.6

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 | SW | 2.35 p.m. |
| E20 | | |

Relative humidity, 81 a. m. 98 p. m.

Reduced barometer, 29.90 a. m. 29.81 p. m.

River gage, 3.1 ft.




NOTES.

Moderate thundershowers occurred at 4.00 p.m. and 7.00 p.m.

Prepared by
Verified by } J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 31 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 60 | 60 | 60 | 59 | 58 | 60 | 59 | 62 | 65 | 66 | 67 | 69 | 67 | 67 | 68 | 67 | 66 | 65 | 63 | 61 | 59 | 57 | 55 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | | | | Pt Cloudy | | | | | | | | | |
| Sunrise: Time, 4.36; Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.59; Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 1.0 | 0.6 | 0.3 | 0 | 0 | | | | |
| Wind direction | NW | N | N | N | N | N | N | N | N | N | N | N | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 7 | 5 | 5 | 9 | 6 | 8 | 7 | 8 | 8 | 7 | 8 | 7 | 7 | 11 | 12 | 10 | 10 | 8 | 6 | 5 | 5 | 7 | 5 | 5 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

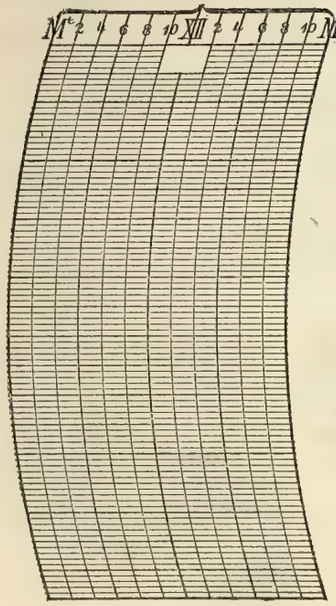
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 69 | 55 | 62 | |

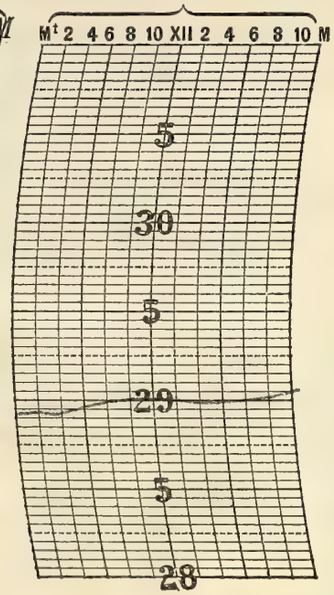
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 5
Actual sunshine, hours, 8.0
Possible sunshine, hours, 14.4
Percentage of possible sunshine, 56
Prevailing direction NW
Total movement, 188
Average hourly velocity, 7.8

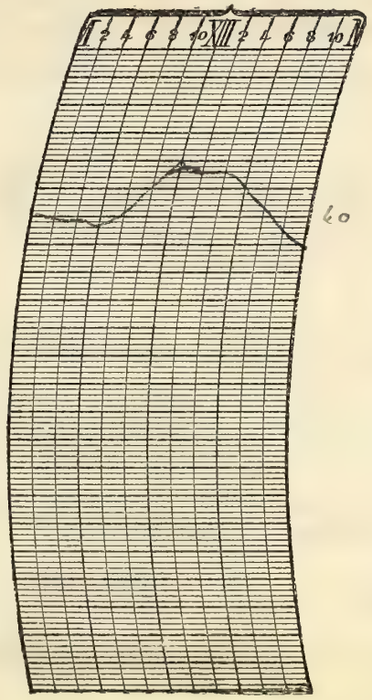
| Maximum velocity, | Direction, | Time, |
|---|---|---|
| 14 Ex 14 | NW | 1.40 p.m. |

Relative humidity, 89 a. m. 61 p. m.
Reduced barometer, 29.88 a. m. 29.9 p. m.
River gage, 3.6 ft.

NOTES.






Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 1 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 54 | 53 | 53 | 52 | 51 | 53 | 56 | 61 | 65 | 67 | 68 | 70 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | Clear | | | | | | |
| Sunrise: Time, 4.37 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | NW | NW | NW | NW | NW | NW | NW | N | N | NW | W | W |
| Wind movement | 4 | 4 | 3 | 4 | 4 | 3 | 2 | 4 | 3 | 4 | 5 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 73 | 72 | 73 | 70 | 69 | 70 | 68 | 66 | 65 | 64 | 63 | 62 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | Partly Cloudy | | | | | | | |
| Sunset: Time, 6.57 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | W | SW | SW | SW | SW | SW | SW | SW | O | SW | SW | SW |
| Wind movement | 6 | 7 | 6 | 10 | 5 | 4 | 3 | 1 | 0 | 1 | 1 | 2 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 73 | 51 | 62 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 10.4

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 73

Prevailing direction SW

Total movement, 72

Average hourly velocity, 3.8

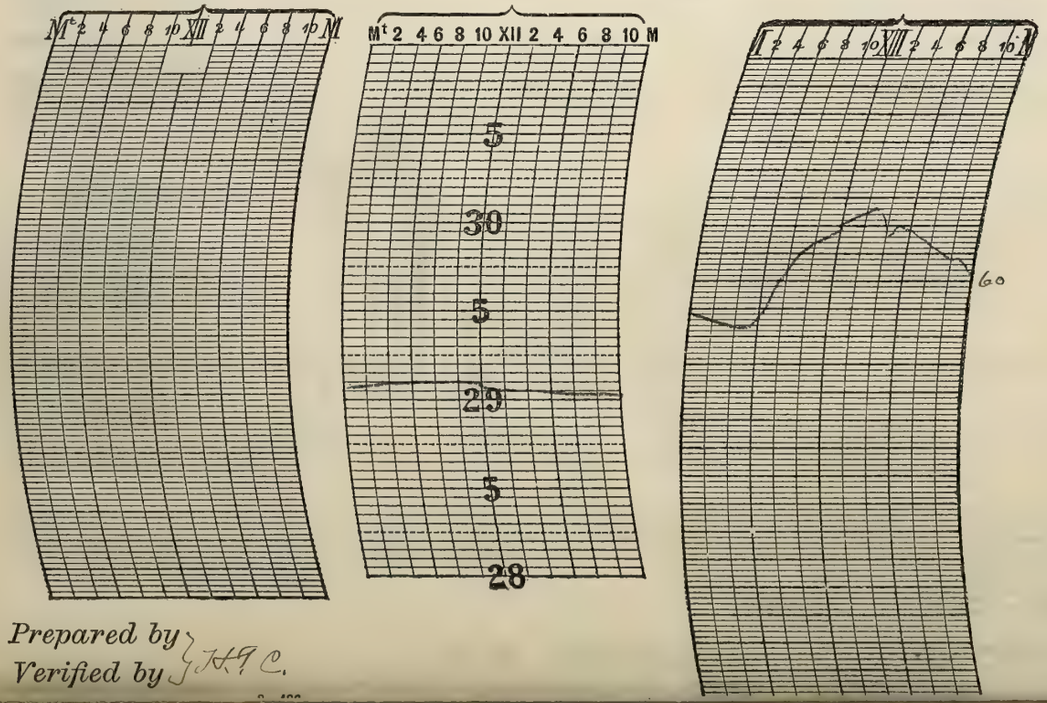
| | Maximum velocity, | Direction, | Time. |
|---|---|---|---|
| | 16 | SW | 3.55 p.m. |
| | 16 | | |

Relative humidity, 82 a. m. 57 p. m.

Reduced barometer, 30.02 a. m. 29.97 p. m.

River gage, 3.3 ft.

NOTES.




Prepared by
Verified by } J.H.C.

Form No. 1014—Met. I.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 2 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 59 | 59 | 59 | 57 | 56 | 60 | 62 | 64 | 66 | 68 | 70 | 62 | 70 | 68 | 67 | 66 | 64 | 62 | 60 | 59 | 57 | 55 | 53 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | – | – | Clear | | | | | – | – | Clear | | | | | | | | | |
| Sunrise: Time, 4.38; Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.56; Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.2 0 | | | | | |
| Wind direction | SW | SW | SW | W | W | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 1 | 4 | 4 | 4 | 5 | 5 | 7 | 11 | 15 | 15 | 17 | 16 | 18 | 19 | 23 | 21 | 17 | 14 | 11 | 7 | 7 | 8 | 6 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

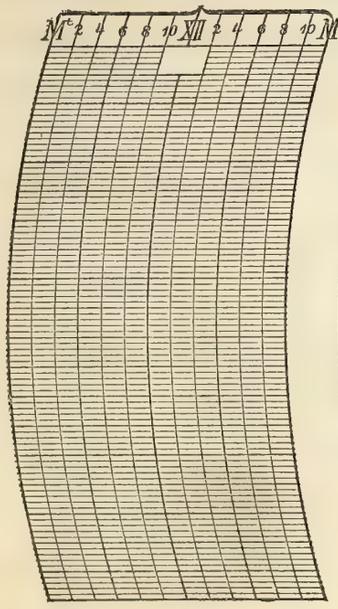
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 70 | 53 | 62 | |

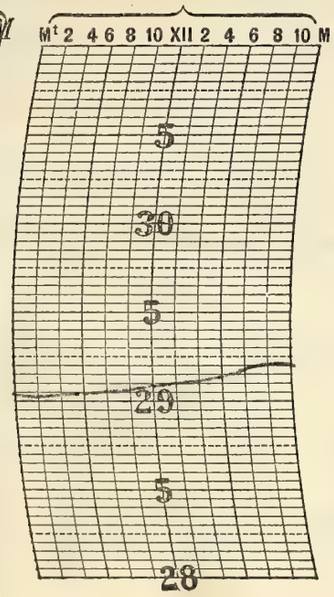
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 11.8
Possible sunshine, hours, 14.3
Percentage of possible sunshine, 83
Prevailing direction NW
Total movement, 260
Average hourly velocity, 10.8

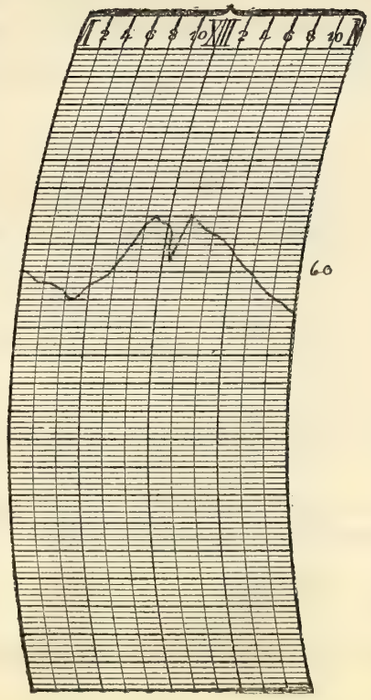
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 28 Ex 30 | NW | 2.50 p.m. |

Relative humidity, 84 a. m. 62 p. m.
Reduced barometer, 29.95 a. m. 30.08 p. m.
River gage, 2.6 ft.

NOTES.






Prepared by
Verified by J.H.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

AUG 3 1912

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) _____, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 57 | 50 | 49 | 48 | 48 | 47 | 53 | 55 | 57 | 59 | 61 | 63 | 63 | 64 | 65 | 65 | 64 | 63 | 62 | 60 | 58 | 58 | 57 | 55 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | — | | Clear | | | | | | — | | Partly Cloudy | | | | | | | | | |
| | Sunrise: Time, 4.39 Character, Clear | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.55 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | .35 0 | 1.0 0 | 0.3 0.7 | 1.0 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.3 | 0 | 0 | | | | | |
| Wind direction | NW | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | NW |
| Wind movement | 7 | 6 | 6 | 5 | 5 | 5 | 7 | 6 | 9 | 10 | 10 | 9 | 11 | 10 | 11 | 9 | 9 | 7 | 4 | 6 | 6 | 6 | 7 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 65 | 47 | 56 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0–10) 3

Actual sunshine, hours, 11.4

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 80

Prevailing direction N

Total movement, 176

Average hourly velocity, 7.3

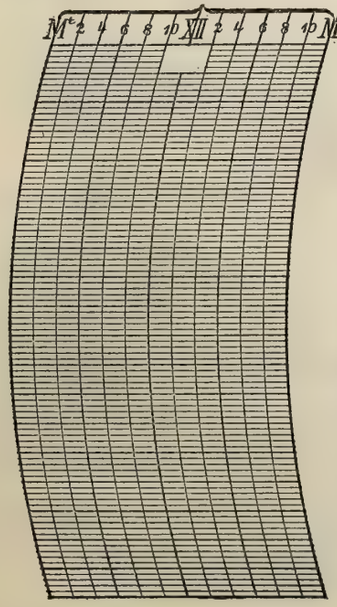
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 14 Ex 14 | NW | 2.05 p.m. |

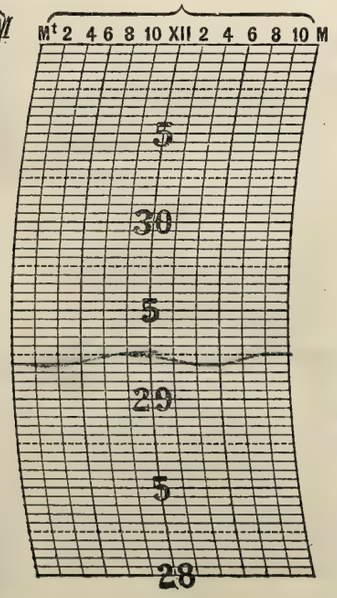
Relative humidity, 70 a. m. 50 p. m.

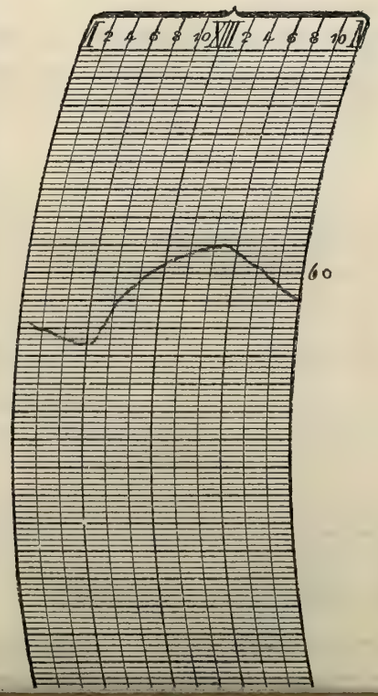
Reduced barometer, 30.17 a. m. 30.14 p. m.

River gage, 2.3 ft.

NOTES.




Prepared by
Verified by } JHT. R

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 4 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 54 | 53 | 52 | 52 | 50 | 50 | 56 | 58 | 60 | 62 | 64 | 65 | 67 | 69 | 70 | 70 | 68 | 67 | 66 | 65 | 63 | 58 | 57 | 55 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | | | Clear | | | | | | | | | |
| Sunrise: Time, Character, | 4.40 Clear | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character, 6.54 Clear | | | |
| Sunshine (in tenths of hours) | | | | | .3 x 0 | 1.0 x 0 | .0 x 0.7 + | 1.0 + | 1.0 + | 1.0 + | 1.0 + | 1.0 + | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 0.7 | .10 0 | | | | | |
| Wind direction | N | N | N | N | NW | N | N | N | N | N | N | N | N | N | NW | N | N | N | N | N | N | N | N | NW |
| Wind movement | 6 | 5 | 4 | 4 | 4 | 4 | 6 | 8 | 11 | 11 | 11 | 9 | 12 | 8 | 10 | 9 | 7 | 7 | 3 | 3 | 3 | 5 | 4 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

+ Estimated, sunshine circuit out of order
x Twilight correction estimated.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 70 | 50 | 60 | |

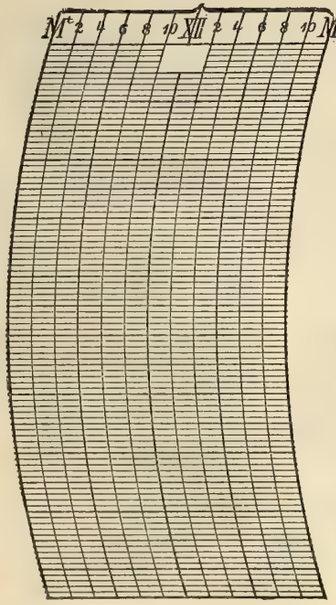
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 14.2
Possible sunshine, hours, 14.2
Percentage of possible sunshine, 100
Prevailing direction N
Total movement, 158
Average hourly velocity, 6.6

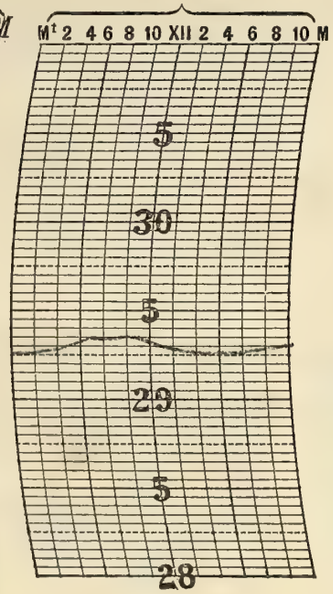
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 15 | N | 9.45 a.m. |

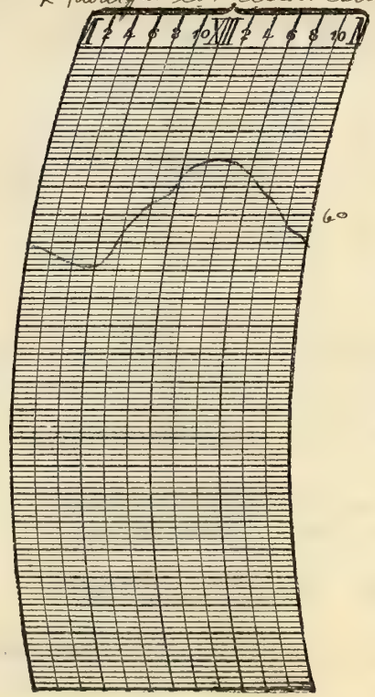
| | | a. m. | | p. m. |
|---|---|---|---|---|
| Relative humidity, | | 70 | | 53 |
| Reduced barometer, | | 30.26 | | 30.20 |

River gage, 2.3 ft.

NOTES.




Prepared by J.H.C.
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 5 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 54 | 52 | 50 | 50 | 50 | 52 | 57 | 63 | 67 | 69 | 71 | 72 | 73 | 75 | 75 | 73 | 71 | 70 | 69 | 67 | 66 | 65 | 64 | 63 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 4.41 Character, Clear | | | | .32 0 | 1.0 0 | 0.2 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | 0 | 0 | 0 | | Sunset: Time, 6.53 Character, Cloudy | | | |
| Wind direction | N | N | N | N | N | N | NE | E | E | SW | SW | SW | SW | SW | S | SW | SE | S | SE | SW | W | NW | SW | W |
| Wind movement | 3 | 3 | 4 | 4 | 2 | 3 | 4 | 3 | 2 | 3 | 7 | 7 | 6 | 6 | 4 | 6 | 4 | 6 | 4 | 5 | 5 | 4 | 2 | 3 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 75 | 50 | 62 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, Last Quarter

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 10.9

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 77

Prevailing direction SW

Total movement, 102

Average hourly velocity, 4.2

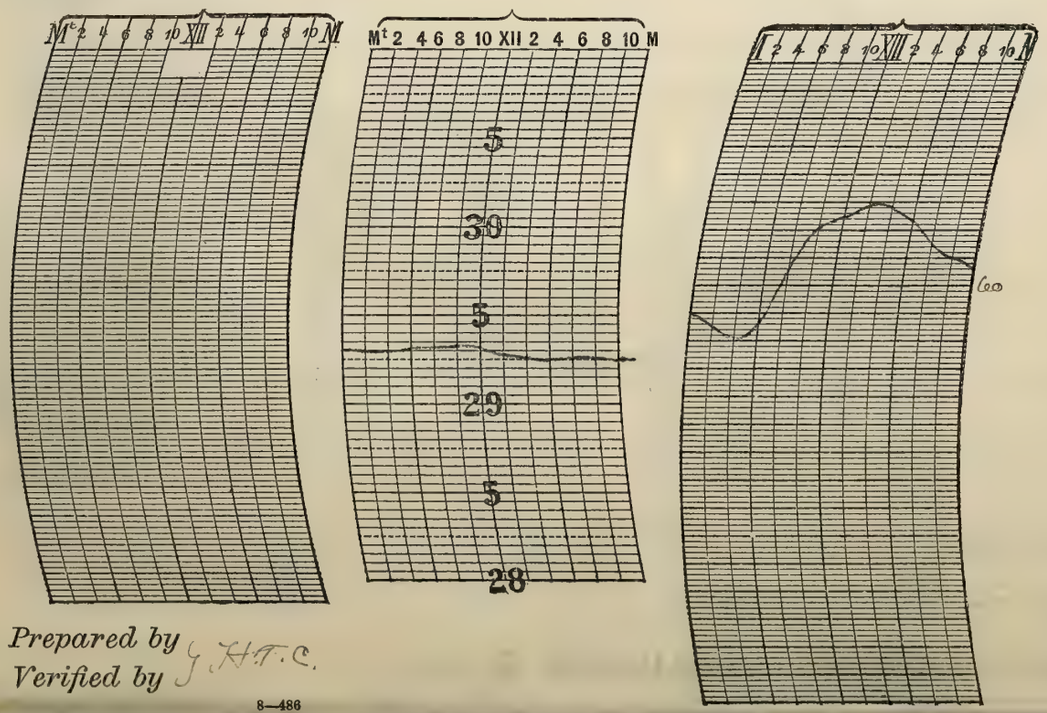
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 10 Ex 10 | SW | 4.30 a.m. |

Relative humidity, 71 a. m. 53 p. m.

Reduced barometer, 30.26 a. m. 30.19 p. m.

River gage, 2.3 ft.

NOTES.




Prepared by
Verified by J. H. T. C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

AUG 6 1912

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) ....., 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 63 | 62 | 62 | 62 | 61 | 60 | 64 | 68 | 71 | 74 | 75 | 76 | 76 | 76 | 76 | 76 | 74 | 73 | 72 | 71 | 70 | 69 | 68 | 68 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | | | | Cloudy | | | | | | | | | |
| Sunrise: Time, 4.42 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.52 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0 | 0.3 | 0.5 | 0 | 0 | | | | | |
| Wind direction | NW | NW | NW | NW | NW | SW | W | SW | SW | S | S | S | S | S | S | SE | SE | E | SE | SE | SE | SE | SE | SE |
| Wind movement | 3 | 2 | 2 | 1 | 2 | 2 | 1 | 3 | 6 | 7 | 7 | 6 | 7 | 8 | 9 | 6 | 5 | 5 | 5 | 4 | 7 | 5 | 7 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 76 | 60 | 68 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, .....

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 6.6 ~~7.8~~

Possible sunshine, hours, 14.2

Percentage of possible sunshine, ~~48~~ 46

Prevailing direction SE

Total movement, 116

Average hourly velocity, 4.8

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 11 Ex 11 | S | 10.35 a.m. |

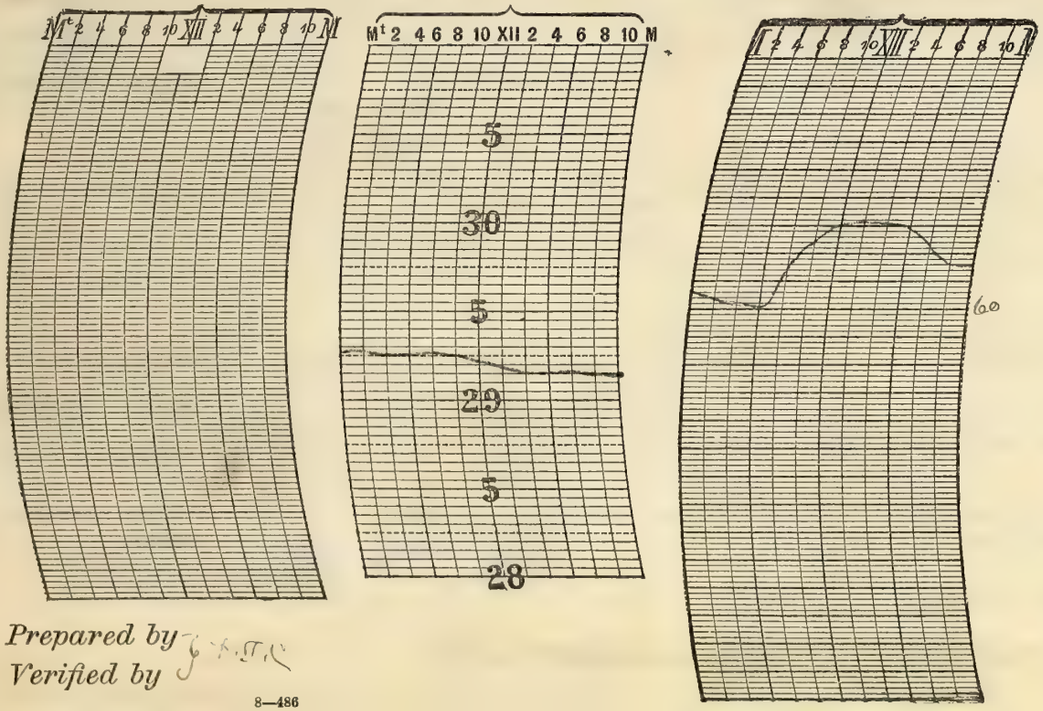
Relative humidity, 63 a. m. 55 p. m.

Reduced barometer, 30.19 a. m. 30.05 p. m.

River gage, 2.2 ft.

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

NOTES.




Prepared by .....

Verified by .....

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 7 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 67 | 66 | 65 | 64 | 62 | 63 | ~~69~~ 64 | ~~72~~ 63 | 69 | 72 | 73 | 75 |
| Nature of precipitation and time of beginning and ending | | | | | | RB 5.20 | | | RE 8.15 | | RB 10.15 RE 10.25 | |
| Amounts of precipitation | | | | | | T | .01 | .02 | T | | 0.1 | |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | |
| Sunrise: Time, Character | 4.43 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0.4 | 1.0 | 0.8 | 0.6 |
| Wind direction | SE | SE | SE | SE | SE | SE | SE | SE | E | SE | SE | SE |
| Wind movement | 4 | 3 | 5 | 6 | 6 | 3 | 2 | 3 | 3 | 5 | 7 | 6 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 65 | 64 | 67 | 69 | 68 | 68 | 68 | 68 | 68 | 67 | 66 | 66 |
| Nature of precipitation and time of beginning and ending | RB 12.05 | | | RE 3.55 | | | | | | RB 9.20 | | |
| Amounts of precipitation | .12 | .13 | .01 | .01 | | | | | | .01 | T | T |
| Cloudiness and other conditions | | | | | | | | | | | | |
| Sunset: Time, Character | | | | | | | | | | 6.51 Cloudy | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | S | S | SE | SE | S | S | S | SE | S | S | S | S |
| Wind movement | 13 | 6 | 7 | 8 | 10 | 7 | 5 | 5 | 6 | 6 | 7 | 6 |

State of weather.

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 75 | 62 | 68 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 1.30 ins.

Total precipitation, midnight to midnight, 1.32 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 2.8

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 20

Prevailing direction SE

Total movement, 139

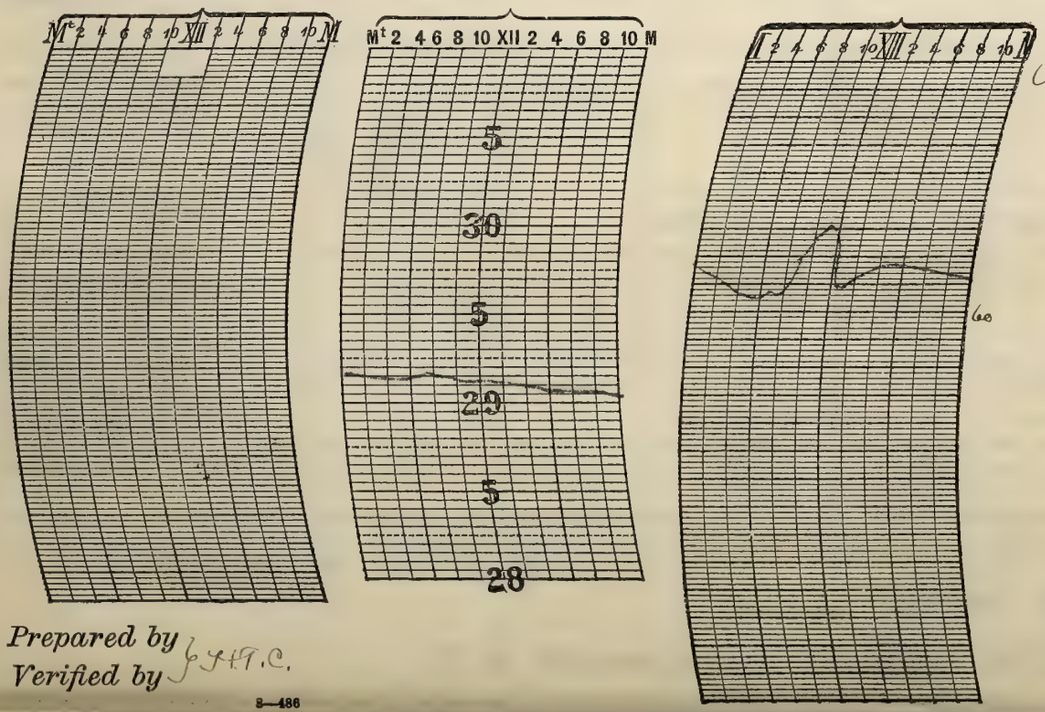
Average hourly velocity, 5.8

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 27 | SW | 12.13 pm |
| Ex 30 | | |

Relative humidity, 77 a. m. 90 p. m.

Reduced barometer, 30.08 a. m. 29.98 p. m.

River gage, 2.1 ft.




NOTES.

A moderate thunderstorm occurred at noon.

Prepared by
Verified by G.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 8 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 65 | 65 | 66 | 66 | 67 | 67 | 67 | 68 | 69 | 69 | 71 | 72 | 74 | 75 | 75 | 76 | 76 | 75 | 75 | 74 | 73 | 71 | 71 | 70 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | RE DN | | | | | PB 8.05 | | RE 10.20 | | | | | | | | | | | | | |
| Amounts of precipitation | T | .08 | .01 | .03 | | | | | .01 | .01 | T | | | | | | | | | | | | | |
| Cloudiness and other conditions | Cloudy | | | | | | | | | | | | Cloudy | | | | | | | | | | | |
| Sunrise: Time, 4.44 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.49 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.6 | 0.6 | 0.4 | 0.7 | 0.4 | 0.2 | 0 | 0 | | | | | |
| Wind direction | S | S | S | S | S | S | S | S | S | S | S | S | S | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE |
| Wind movement | 7 | 7 | 7 | 7 | 7 | 5 | 8 | 7 | 8 | 9 | 8 | 12 | 7 | 8 | 11 | 9 | 9 | 8 | 6 | 6 | 5 | 6 | 8 | 6 |
| Maximum velocities (exceeding 24 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 76 | 65 | 70 | |

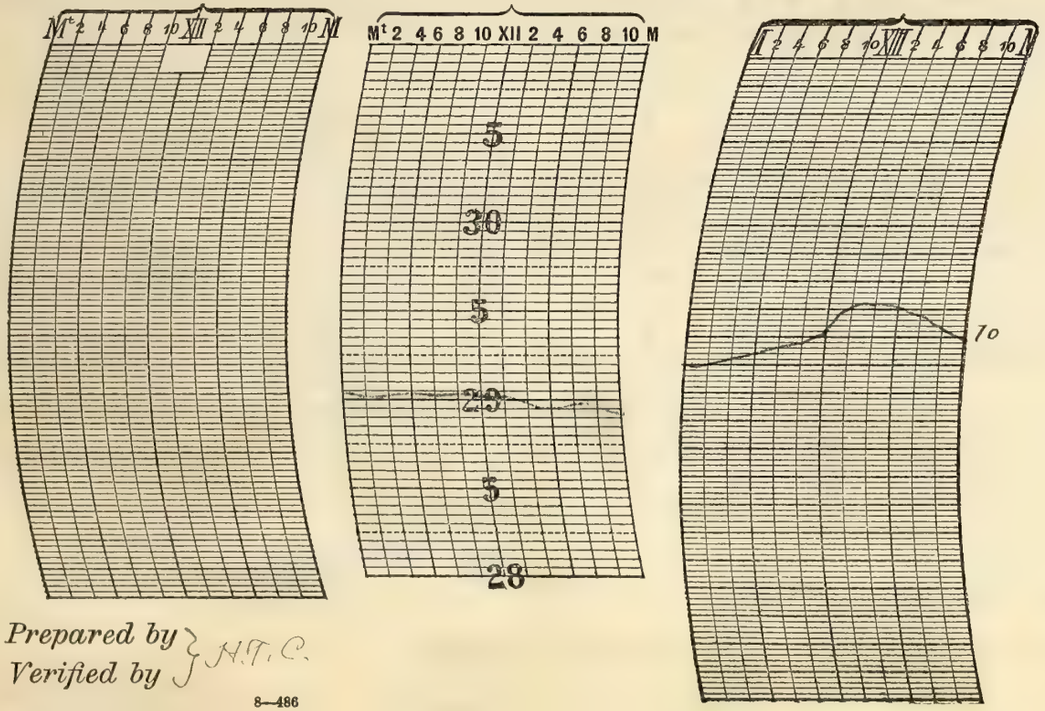
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .12 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 9
Actual sunshine, hours, 3.9
Possible sunshine, hours, 14.1
Percentage of possible sunshine, 21
Prevailing direction S
Total movement, 181
Average hourly velocity, 7.5

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 15 Ex 15 | S | 11.45a. |

Relative humidity, 98 a. m. 78 p. m.
Reduced barometer, 29.95 a. m. 29.85 p. m.
River gage, 2.2 fr.

NOTES.

Lt fog { B D Na E 8.00 a.m.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 9 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 69 | 69 | 68 | 68 | 68 | 68 | 70 | 70 | 73 | 74 | 76 | 77 | 75 | 72 | 63 | 66 | 68 | 68 | 67 | 66 | 66 | 66 | 65 | 63 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | RB DN RE DN | | | | | | | | RB 12.05 | | | RE 3.40 | | | | RB 7.35 | RE 8.50 | | | RB DN RE DN |
| Amounts of precipitation | | | | | T | | | | | | | | T | .01 | .08 | .01 | | | | .17 | .01 | | | .01 |
| Cloudiness and other conditions | | | | | | Cloudy | | | | | | | | | Cloudy | | | | | | | | | |
| Sunrise: Time 4.44, Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time 6.48, Character, | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.2 | 0.5 | 0.5 | 0.6 | 0.8 | 0.6 | 0 | 0 | 0 | 0 | 0.3 | 0 | 0 | | | | | |
| Wind direction | SE | SE | SE | SE | S | S | S | S | S | S | S | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 4 | 7 | 7 | 7 | 7 | 7 | 9 | 11 | 11 | 11 | 13 | 15 | 14 | 13 | 16 | 7 | 3 | 6 | 4 | 5 | 5 | 7 | 8 | 8 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | | | | | |

Total duration. From— To— | Total amount of precipitation. | Excessive rate. Began— Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. 10 min. 15 min. 20 min. 25 min. 30 min. 35 min. 40 min. 45 min. 50 min. 60 min. 80 min. 100 min. 120 min.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 77 | 63 | 70 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .12 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 3.5

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 25

Prevailing direction S, SW

Total movement, 205

Average hourly velocity, 8.5

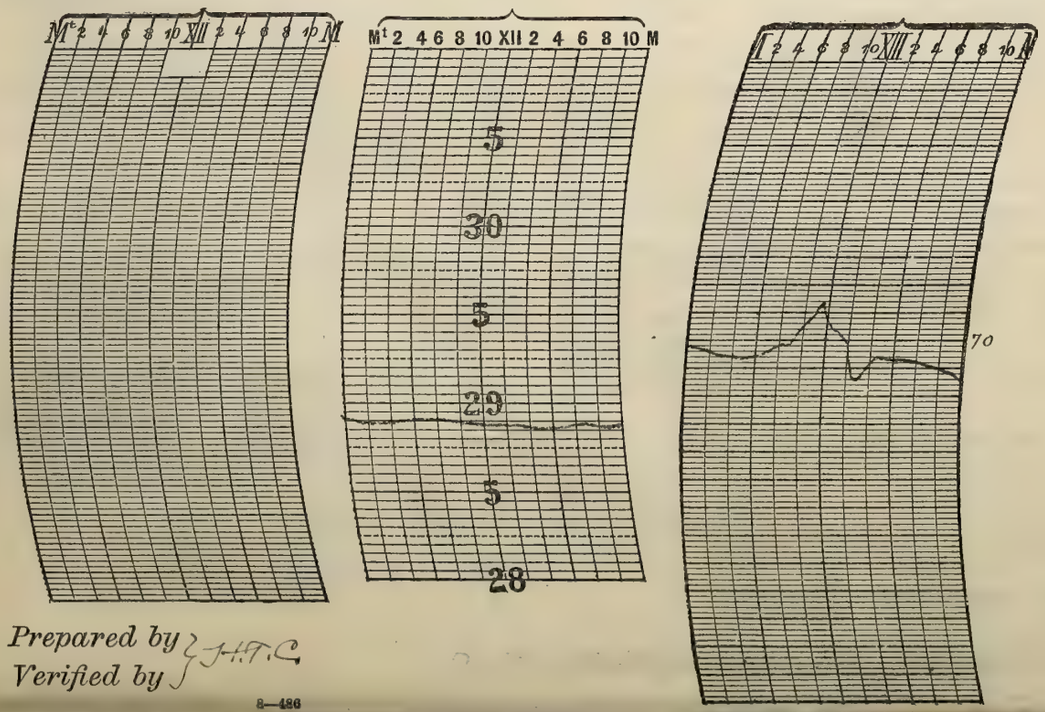
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 27 Ex 27 | SW | 2.22 p.m. |

Relative humidity, 86 a. m. 95 p. m.

Reduced barometer, 29.82 a. m. 29.74 p. m.

River gage, 2.7 ft.

NOTES.




Prepared by
Verified by J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 10 1912, 191

Time (local standard) 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 63 | 63 | 63 | 62 | 62 | 62 | 64 | 64 | 65 | 67 | 70 | 71 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | RB 11.10 RE 1.25 |
| Amounts of precipitation | | | | | | | | | | | | T |
| Cloudiness and other conditions | | | | | | | Pt Cloudy | | | | | |
| Sunrise: Time, 4.45 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0.1 | 0.3 | 1.0 | 0.9 | 0.4 |
| Wind direction | SW | SW | SW | SW | SW | S | S | S | S | SW | SW | SW |
| Wind movement | 10 | 9 | 8 | 9 | 8 | 9 | 10 | 14 | 14 | 14 | 15 | 12 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 73 62 | 66 | 68 | 67 | 67 | 60 | 63 | 63 | 63 | 63 | 63 | 63 |
| State of weather: Nature of precipitation and time of beginning and ending | RB 12.55 | RE 1.25 | | RB 3.05 | | | RE 6.10 | RB 7.36 | | | | |
| Amounts of precipitation | .08 | .30 | | T | .01 | .17 | T | .03 | .02 | .05 | .08 | T |
| Cloudiness and other conditions | | | Pt Cloudy | | | | | | | | | |
| Sunset: Time, 6.47 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0.7 | 0.3 | 0.8 | 0.4 | 0 | 0 | 0 | | | | | |
| Wind direction | S | SW | S | S | S | SW | S | S | S | S | S | SW |
| Wind movement | 16 | 9 | 12 | 8 | 11 | 15 | 6 | 12 | 12 | 12 | 13 | 13 |

Maximum velocities (exceeding 29 miles) direction and time

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | 12.58p | 1.25p | .38 | 12.57p | 1.04p | .01 | .29 | .30 | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 73 | 60 | 66 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .56 ins.

Total precipitation, midnight to midnight, .74 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 4.9

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 35

Prevailing direction S

Total movement, 271

Average hourly velocity, 11.3

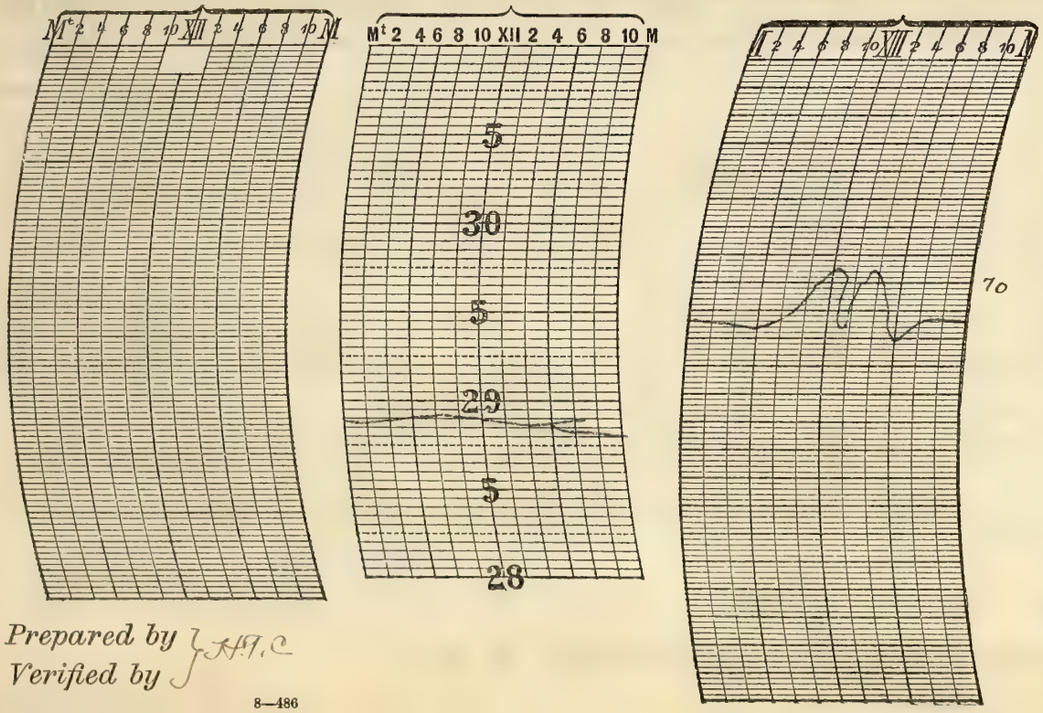
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 28 & 32 | SW | 1.00 p.m. |

Relative humidity, 87 a. m. 95 p. m.

Reduced barometer, 29.81 a. m. 29.72 p. m.

River gage, 2.4 ft.

NOTES.




1.00 p.m.
3.00 p.m.
5.20 p.m.

Prepared by H.P.C.
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

AUG 11 1912

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) _____, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 63 | 63 | 63 | 63 | 63 | 63 | 64 | 64 | 65 | 64 | 66 | 69 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | RE 7.20 | | | | |
| Amounts of precipitation | .02 | .14 | .03 | T | T | .01 | .01 | T | | | | |
| Cloudiness and other conditions | | | | | | | | P.Cloudy | | | | |
| Sunrise: Time, Character | 4.47 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | .03 | 0 | .05 | 1.0 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W |
| Wind movement | 15 | 13 | 14 | 14 | 14 | 13 | 14 | 16 | 16 | 15 | 17 | 17 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 70 | 72 | 73 | 74 | 73 | 71 | 70 | 68 | 67 | 66 | 64 | 63 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | RB 5.05 RE 5.20 | | | | | | | |
| Amounts of precipitation | | | | | .01 | | | | | | | |
| Cloudiness and other conditions | | | P.Cloudy | | | | | | | | | |
| Sunset: Time, Character | | | | | | | | | 6.45 Cloudy | | | |
| Sunshine (in tenths of hours) | 0.8 | 1.0 | 1.0 | 0.6 | 0 | 0 | 0 | | | | | |
| Wind direction | W | W | W | W | W | W | W | W | W | W | W | W |
| Wind movement | 15 | 15 | 14 | 12 | 9 | 6 | 4 | 4 | 4 | 4 | 2 | 2 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 74 | 63 | 68 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .39 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .22 inches.

Character of day, P.Cloudy Moon phase, _____

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 5.2

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 37

Prevailing direction W

Total movement, 269

Average hourly velocity, 11.2

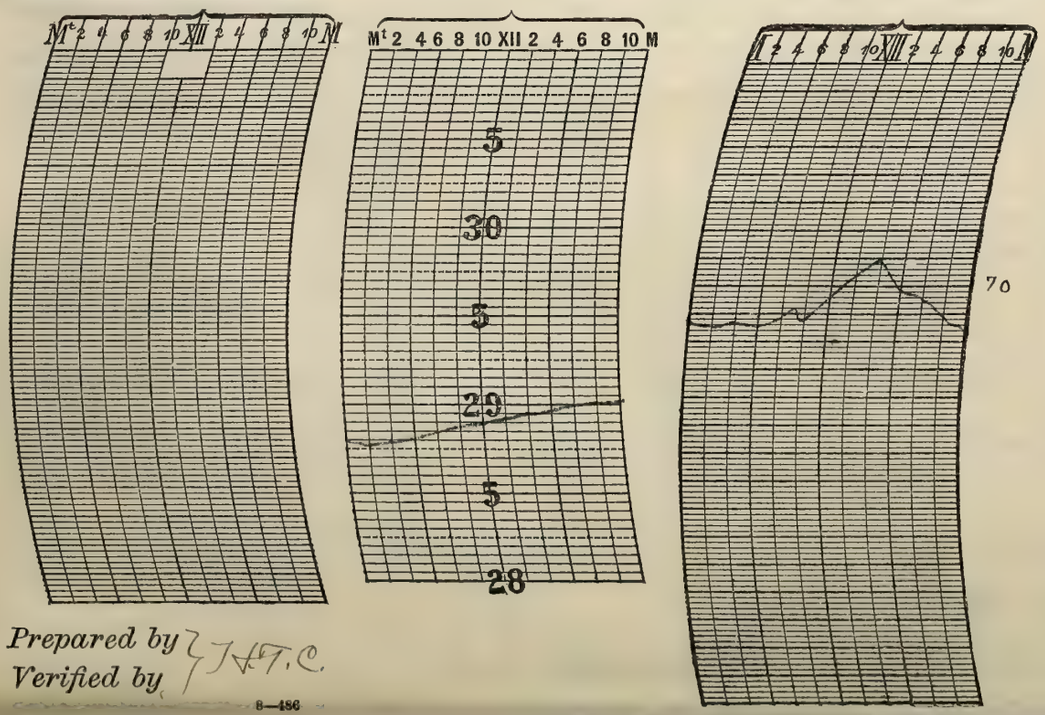
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 21 | SW | 8.35 a.m. |

Relative humidity, Ex ~~2222~~ 93 a. m. 79 p. m.

Reduced barometer, 29.72 a. m. 27.88 p. m.

River gage, 39 ft.

NOTES.




Prepared by J.F.T.C.
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 12 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 62 | 61 | 60 | 60 | 60 | 60 | 65 | 67 | 70 | 73 | 76 | 79 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | |
| Sunrise: Time, 448 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 1.20 0 | 1.0 0 | 0.1 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 6 | 6 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 81 | 82 | 83 | 82 | 84 | 82 | 77 | 75 | 74 | 73 | 73 | 72 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | Clear | | | | | | | | |
| Sunset: Time, 644 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 | 0 | | | | | |
| Wind direction | S | S | S | SE | SE | S | S | S | S | S | S | S |
| Wind movement | 7 | 6 | 6 | 5 | 7 | 9 | 7 | 7 | 4 | 4 | 4 | 4 |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 84 | 60 | 72 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, New Moon

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 12.4

Possible sunshine, hours, 13.9

Percentage of possible sunshine, 89

Prevailing direction S

Total movement, 129

Average hourly velocity, 5.4

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 10 | S | 5.28 p.m. |

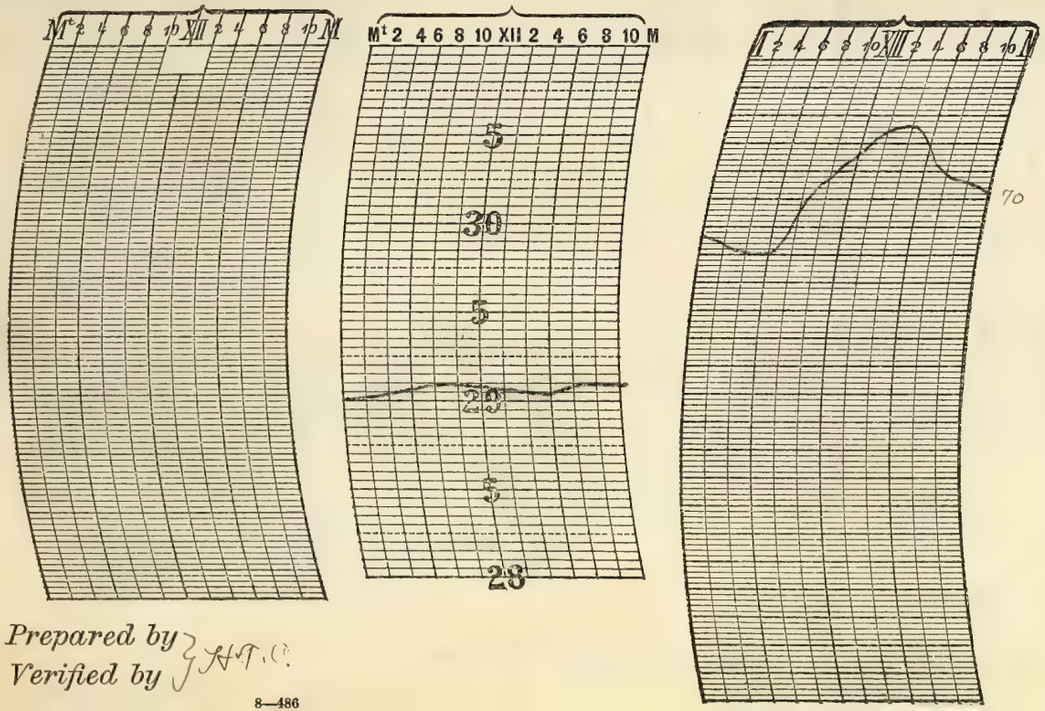
Relative humidity, 90 a. m. 77 p. m.

Reduced barometer, 30.00 a. m. 29.75 p. m.

River gage, 3.4 ft.

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

NOTES.




Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 13 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 70 | 70 | 69 | 67 | 66 | 68 7 | 69 | 70 | 71 | 76 5 | 76 | 80 | 82 | 86 | 82 | 75 | 72 RB 4.03 | 70 RE 5.55 | 70 | 68 | 68 | 67 | 67 | 67 |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | .04 | .01 | | | | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | | | Pt Cloudy | | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 4.49 Character, Cloudy | | | | 0 | 0 | 0 | 0 | 0.1 | 0.2 | 0.8 | 1.0 | 1.0 | 1.0 | 0.2 | 0 | 0 | 0 | 0 | | Sunset: Time, 6.43 Character, Cloudy | | | |
| Wind direction | S | SW | SW | SW | SW | SW | SW | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 7 | 9 | 10 | 8 | 7 | 6 | 8 | 10 | 14 | 16 | 14 | 14 | 15 | 13 | 12 | 13 | 11 | 13 | 13 | 12 | 10 | 10 | 10 | 11 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 86 | 66 | 76 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 4.3

Possible sunshine, hours, 13.9

Percentage of possible sunshine, 31

Prevailing direction SW

Total movement, 26.6

Average hourly velocity, 11.1

Maximum velocity, 20 Direction, SW Time, 3.15 p.m.

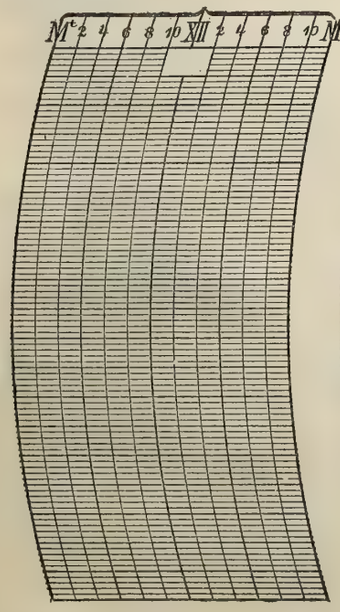
Ex 23

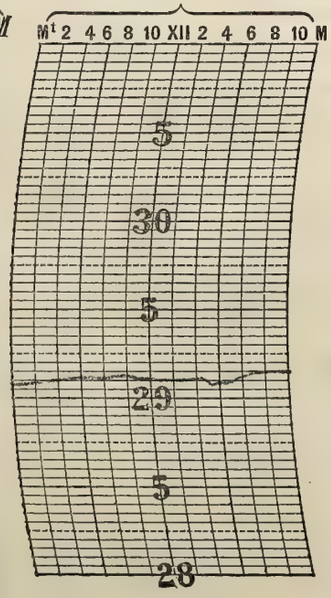
Relative humidity, 90 a. m. 88 p. m.

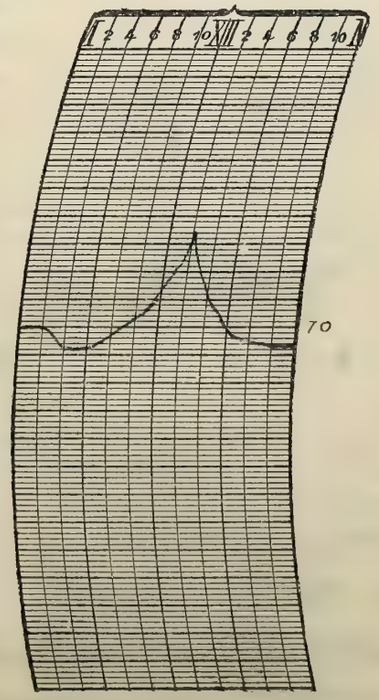
Reduced barometer, 30.02 a. m. 29.98 p. m.

River gage, 3.2 ft

NOTES.




4.00 p.m.

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 14 1912, 191

Time (local standard), 90 mer.

90 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 68 | 68 | 67 | 68 | 68 | 68 | 68 | 70 | 73 | 75 | 76 | 79 | 81 | 82 | 80 | 80 | 78 | 77 | 74 | 71 | 70 | 67 | 66 | 65 |
| State of weather. Nature of precipitation and time of beginning and ending | | | TB DN RE DN | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | .18 | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | | | | Clear | | | | | | | | | |
| Sunrise: Time, Character | 4.50 Clear | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character | 6.41 Clear | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.1 | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 0.5 | 0 | | | | | |
| Wind direction | SW | SW | SW | W | W | W | W | W | NW | NW | W | W | W | W | W | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 11 | 10 | 12 | 9 | 7 | 6 | 7 | 6 | 6 | 8 | 7 | 10 | 9 | 9 | 10 | 11 | 11 | 8 | 7 | 4 | 2 | 1 | 2 | 2 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 81 | 65 | 73 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., ~~.18~~ .18 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ~~.18~~ .18 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 3

Actual sunshine, hours, 11.4

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 83

Prevailing direction NW

Total movement, 175

Average hourly velocity, 7.3

| Maximum velocity, | Direction, | Time, |
|---|---|---|
| 17 | SW | 2.15 a.m. |
| Gr 18 | | |

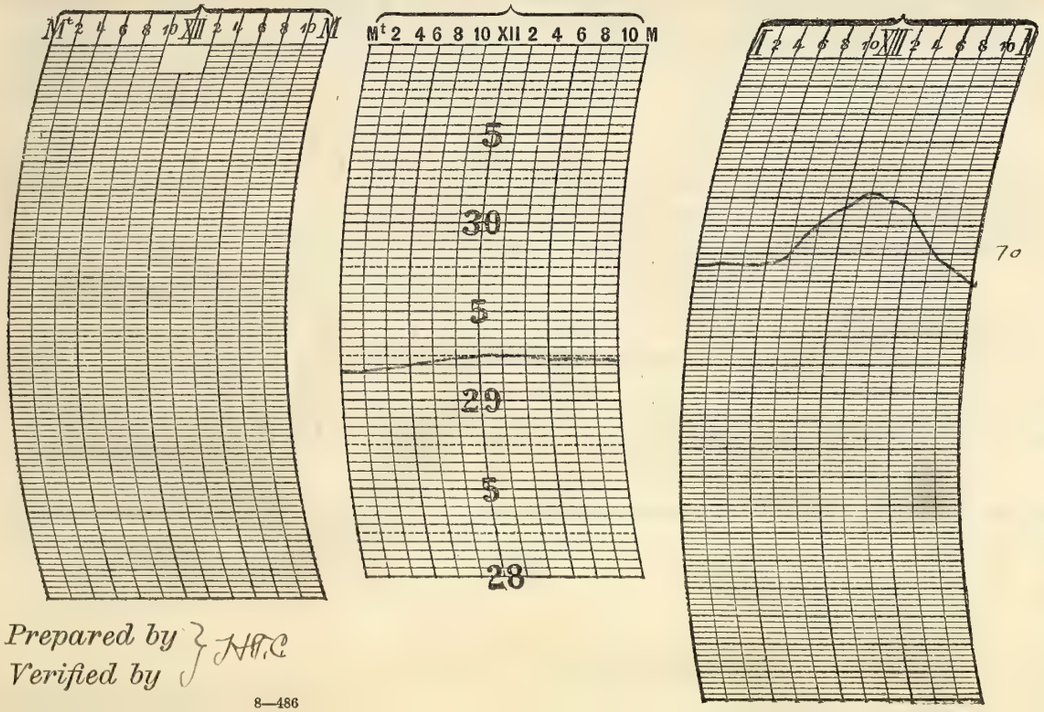
Relative humidity, 90 a. m. 60 p. m.

Reduced barometer, 30.12 a. m. 30.12 p. m.

River gage, 3.1 ft.

NOTES.

Gr 2.00 a.m.




Prepared by } HWC
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

AUG 15 1912

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) ....., 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 63 | 62 | 62 | 61 | 60 | 62 | 64 | 67 | 70 | 74 | 77 | 77 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | — | — | Clear | — | — | — | — | — |
| Sunrise: Time, 4.51; Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | NW | NW | N | N | N | N | N | E | E | SE | S | SW |
| Wind movement | 3 | 3 | 5 | 3 | 4 | 2 | 4 | 4 | 5 | 3 | 5 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 78 | 79 | 80 | 78 | 77 | 75 | 71 | 70 | 68 | 68 | 66 | 64 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | — | — | Clear | — | — | — | — | — | | | | |
| Sunrise: Time, 4.51; Character, Clear | | | | | | | | | Sunset: Time, 6.40; Character, Cloudy | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 0.9 | 0.8 | 0.2 | 0 | 0 | | | | | |
| Wind direction | SW | W | NW | NW | N | N | N | NE | NE | NE | NE | NE |
| Wind movement | 4 | 7 | 7 | 7 | 6 | 9 | 9 | 7 | 8 | 5 | 6 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 80 | 60 | 70 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, .....

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 11.1

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 80

Prevailing direction N

Total movement, 134

Average hourly velocity, 5.6

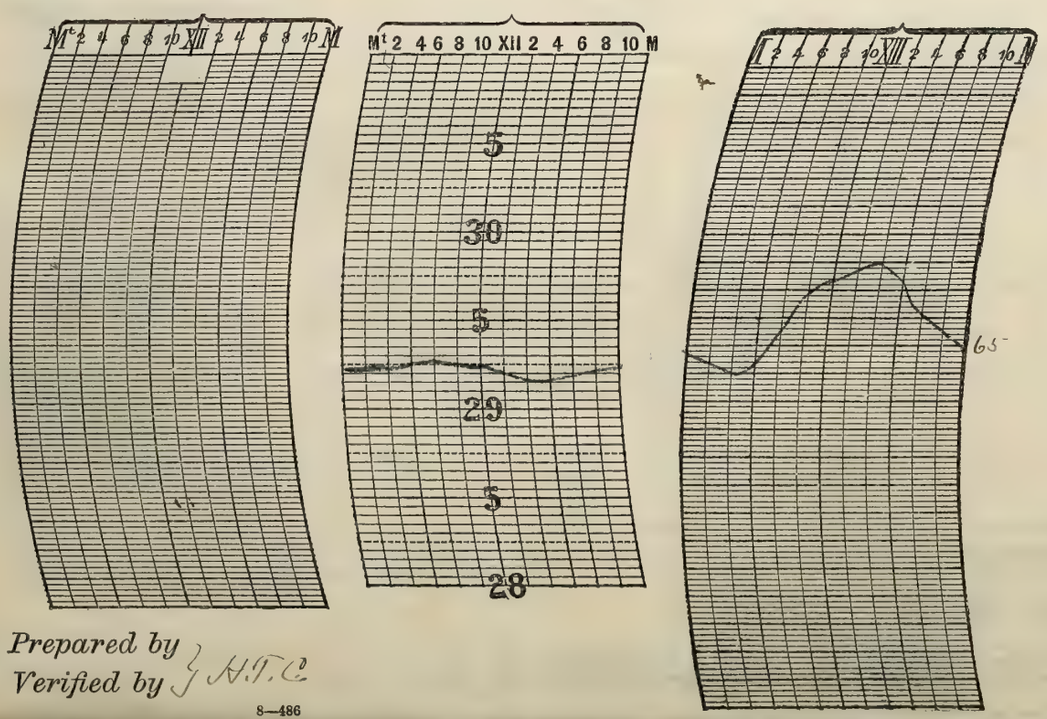
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 11 | N | 5.55 p.m. |
| Ex 11 | | |

Relative humidity, 82 a. m. 73 p. m.

Reduced barometer, 30.16 a. m. 30.09 p. m.

River gage, 3.4 ft

NOTES.




Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 16 1912, 191

Time (local standard) 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 63 | 62 | 60 | 59 | 58 | 57 | 60 | 62 | 65 | 67 | 69 | 70 | 71 | 72 | 72 | 74 | 71 | 70 | 68 | 66 | 64 | 63 | 63 | 62 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | | | Partly Cloudy | | | | | | | | |
| Sunrise: Time, 4.52 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.39 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | 1.3 0 | 1.0 0 | 0.9 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 0.9 | 1.0 0.8 | 0 0.2 | 0 | 0 | | | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | NE | E | E | E | E | NE | E | NE | NE | NE | NE | NE | E | E | E | E |
| Wind movement | 9 | 7 | 8 | 8 | 9 | 9 | 10 | 12 | 13 | 11 | 11 | 11 | 10 | 9 | 7 | 10 | 9 | 8 | 9 | 11 | 13 | 9 | 10 | 10 |

Maximum velocities (exceeding 22 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 74 | 60 | 67 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, ~~11.1~~ 11.1

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 80

Prevailing direction NE

Total movement, 233

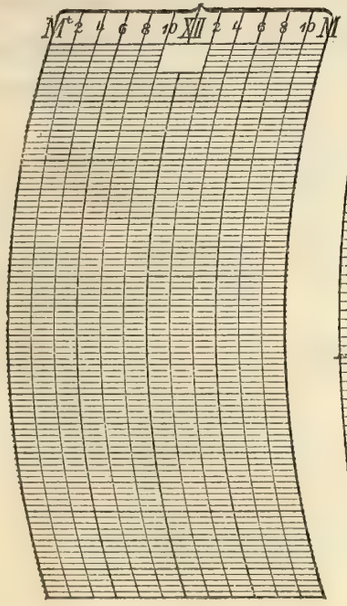
Average hourly velocity, 9.7

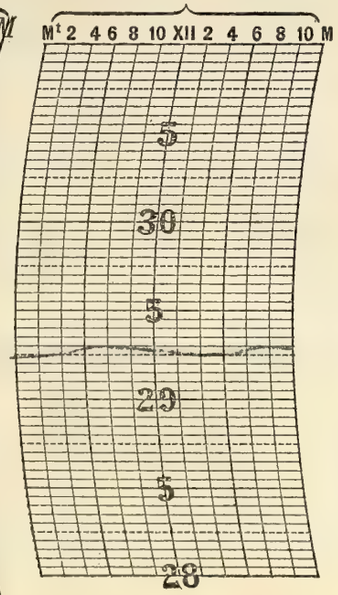
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 15 | NE | 8.30 a.m |

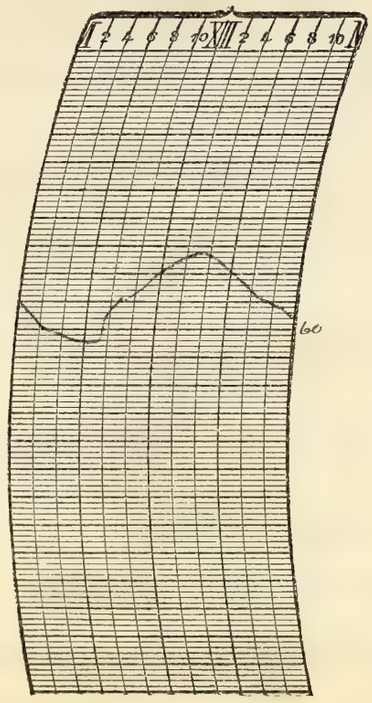
| | | |
|---|---|---|
| Relative humidity, | 86 a. m. | 72 p. m. |
| Reduced barometer, | 30.20 a. m. | 30.16 p. m. |

River gage, 3.3 ft.

NOTES.






Prepared by J. H. T. C.
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 17 1912, 191

Time (local standard) 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 61 | 59 | 55 | 55 | 56 | 58 | 60 | 64 | 69 | 75 | 77 |
| Nature of precipitation and time of beginning and ending | | | RB DN | RE DN | | | | | | | | |
| Amounts of precipitation | | | .02 | .04 | | | | | | | | |
| Cloudiness and other conditions | Pt Cloudy | | | | | | | | | | | |
| Sunrise: Time, Character | 4.53 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0.8 | 1.0 | 1.0 | 1.0 |
| Wind direction | E | NE | E | NE | NE | E | E | E | E | SE | SE | SE |
| Wind movement | 11 | 9 | 10 | 10 | 7 | 9 | 9 | 7 | 5 | 5 | 5 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 81 | 83 | 86 | 85 | 85 | 84 | 81 | 79 | 75 | 68 | 69 | 64 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | RB 8.15 RE 8.08 | | | RB 11.15 |
| Amounts of precipitation | | | | | | | | | .45 | | | .59 |
| Cloudiness and other conditions | Clear | | | | | | | | | | | |
| Sunset: Time, Character | | | | | | | | | 6.37 Cloudy | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 0 | | | | | |
| Wind direction | S | S | S | S | S | S | S | S | N | E | N | NE |
| Wind movement | 9 | 7 | 8 | 10 | 10 | 9 | 8 | 10 | 13 | 8 | 8 | 13 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | 40 NW 11.17 |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 86 | 55 | 70 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 1.10 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 9.2

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 67

Prevailing direction S

Total movement, 206

Average hourly velocity, 8.6

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 40 | NNW | 11.17 p.m. |

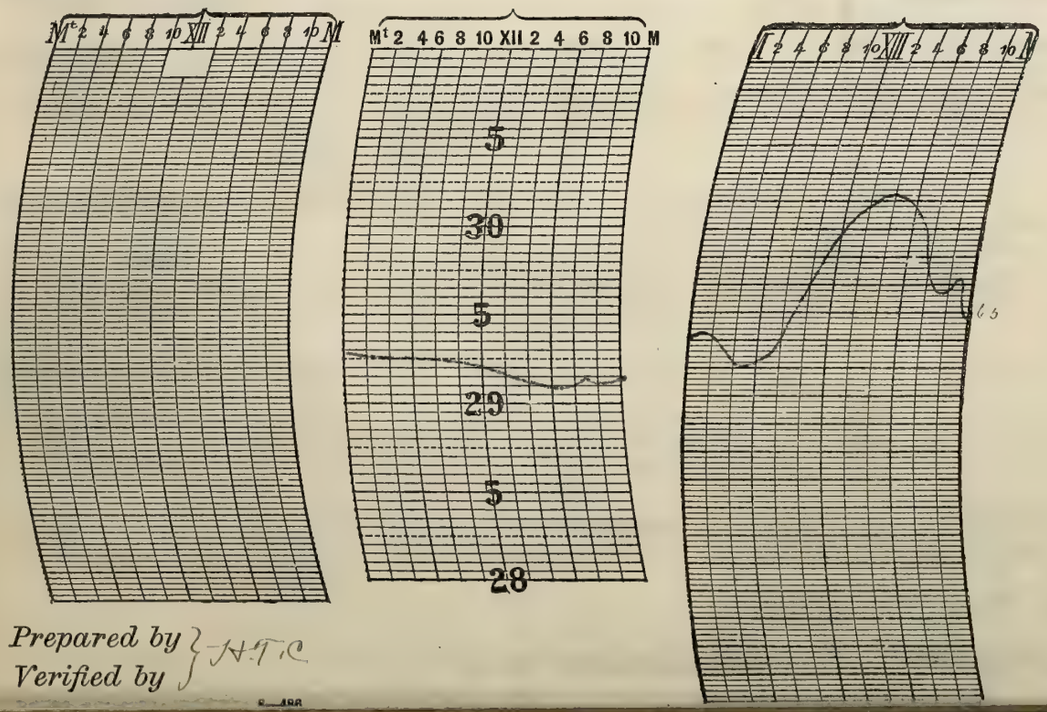
Ex 45

Relative humidity, 89 a. m. 72 p. m.

Reduced barometer, 30.16 a. m. 30.00 p. m.

River gage, 3.2 ft.

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8.15 p | 8.58 p | .45 | 8.38 p | 8.38 p | .01 | .17 | .24 | .39 | .44 | .46 | | | | | | | | | |
| | 11.15 p | — — — | .173 | 11.15 p | 11.30 p | 0 | .19 | .44 | .51 | | | | | | | | | | | |




NOTES.

8.20 p.m

11.15 p.m. Severe

Prepared by
Verified by } H.T.C

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 18 1912, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 64 | 64 | 65 | 68 | 70 | 68 | 70 | 71 | 72 | 70 | 72 | 77 |
| Nature of precipitation and time of beginning and ending | | | | | | RE DN | | | RB 8.00 RE 8.40 | | | |
| Amounts of precipitation | .10 | .73 | .02 | .21 | .08 | T | | | .04 | | | |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | |
| Sunrise: Time, 4.54 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0.5 | 0 | 0 | 0.2 | 1.0 |
| Wind direction | S | SW | SW | SW | W | SW | SW | SW | SW | SW | W | NW |
| Wind movement | 9 | 9 | 9 | 15 | 9 | 14 | 13 | 11 | 8 | 9 | 10+ | 9+ |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 83 | 88 | 87 | 86 | 86 | 82 | 80 | 79 | 77 | 77 | 76 | 75 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | Pt Cloudy | | | | | | |
| Sunset: Time, 6.36 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | 0.3 | 0 | | | | | |
| Wind direction | SW | SW | SW | SW | SW | N | N | N | SW | SW | SW | SW |
| Wind movement | 9+ | 6+ | 7+ | 7+ | 4 | 4 | 1 | 3 | 8 | 9 | 10 | 11 |

Maximum velocities (exceeding 29 miles) direction and time

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 87 | 64 | 76 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .218 ins.; to 7 p. m., .00 ins.
Total precipitation, midnight to midnight, 1.18 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 6.3 ~~3.8~~
Possible sunshine, hours, 13.7
Percentage of possible sunshine, 46
Prevailing direction SW
Total movement, 204
Average hourly velocity, 8.5

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 24 | NW | 3.45 p.m. |

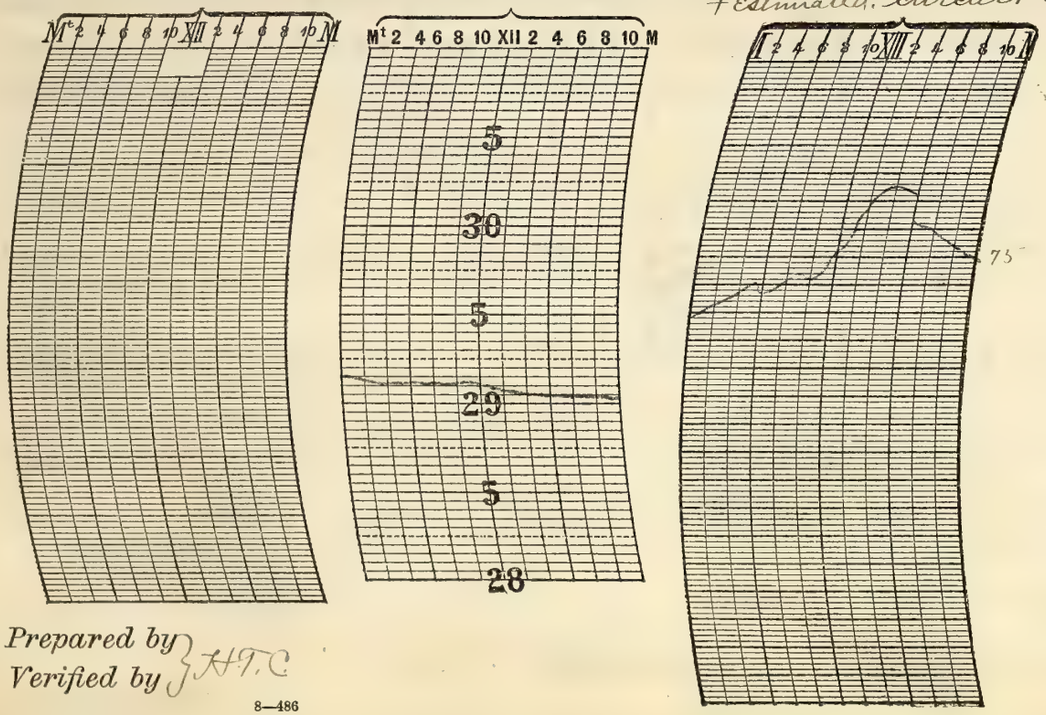
Relative humidity, 94 a. m. 68 p. m.
Reduced barometer, 30.02 a. m. 29.93 p. m.
River gage, 8.0 ft.

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | ---- | DNa | 1.73 | 1.07a | 1.23a | .72 | .17 | .39 | .57 | .61 | | | | | | | | | | |

+ estimated. circuit out of order.

NOTES.

7.52 a.m.
5.00 p.m.




Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 19 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 74 | 74 | 73 | 73 | 73 | 73 | 75 | 76 | 77 | 78 | 80 | 79 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | RB 8.10 RE 8.40a | | | |
| Amounts of precipitation | | | | | | | | | T | | | |
| Cloudiness and other conditions | | | | | | Pt Cloudy | | | | | | |
| Sunrise: Time, 4.55 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.2 | 1.0 | 0.4 | 1.0 | 1.0 | 0.9 |
| Wind direction | SW | SW | SW | SW | W | SW | SW | W | W | NW | W | W |
| Wind movement | 11 | 12 | 10 | 9 | 7 | 9 | 7 | 9 | 6 | 6 | 5 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 80 | 79 | 79 | 78 | 78 | 77 | 76 | 75 | 74 | 73 | 72 | 70 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Pt Cloudy | | | | | | | | | |
| Sunset: Time, 6.34 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 0.4 | 0 | 0.2 | 1.0 | 0.1 | 0 | | | | | |
| Wind direction | NW | NW | NW | SW | SW | SW | SW | SW | SW | W | W | W |
| Wind movement | 8 | 11 | 4 | 5 | 7 | 6 | 4 | 6 | 5 | 3 | 3 | 1 |
| Maximum velocities (exceeding miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 80 | 70 | 75 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase, First Quarter

Average daily cloudiness (0–10) 7.5

Actual sunshine, hours, 7.2

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 53

Prevailing direction SW

Total movement, 161

Average hourly velocity, 6.7

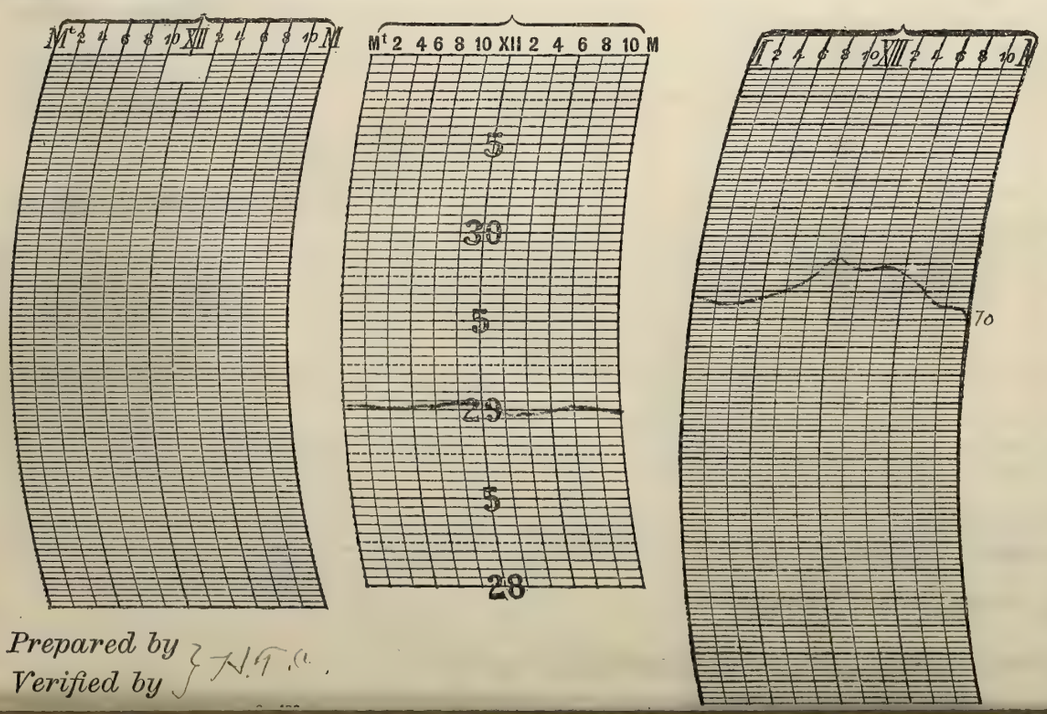
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 14 E 15 | NW | 1.30 p.m. |

Relative humidity, 71 a. m. 74 p. m.

Reduced barometer, 29.90 a. m. 29.92 p. m.

River gage, 8.7 ft

NOTES.




Prepared by
Verified by } N.T.A.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 20 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 68 | 68 | 69 | 69 | 70 | 70 | 71 | 74 | 75 | 80 | 81 | 82 |
| State of weather: Nature of precipitation and time of beginning and ending | | RB DN | | RE DN | | | | | | | | |
| Amounts of precipitation | | .01 | .03 | .03 | | | | | | | | |
| Cloudiness and other conditions | | | | | Pt Cloudy | | | | | | | |
| Sunrise: Time, 4.56 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | 0 | 0 | 0 | 0 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | SW | SW | SW | N | S | S | S | SW | W | W | SW | SW |
| Wind movement | 4 | 4 | 3 | 2 | 4 | 3 | 1 | 5 | 6 | 6 | 8 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 83 | 84 | 84 | 84 | 80 | 78 | 77 | 76 | 75 | 72 | 70 | 68 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | RB 4.50 RE 4.55 | | | | | | | |
| Amounts of precipitation | | | | | T | | | | | | | |
| Cloudiness and other conditions | | | | | Clear | | | | | | | |
| Sunset: Time, 6.33 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 0.1 | 0 | 0 | | | | | |
| Wind direction | SW | SW | SW | SW | SW | W | NW | NW | NW | NW | NW | SW |
| Wind movement | 11 | 11 | 11 | 11 | 8 | 7 | 10 | 7 | 5 | 5 | 4 | 5 |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 84 | 68 | 76 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .07 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .07 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 8.9

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 65

Prevailing direction SW

Total movement, 152

Average hourly velocity, 6.3

Maximum velocity, 13 Direction, NW Time. 6.45 p.m.

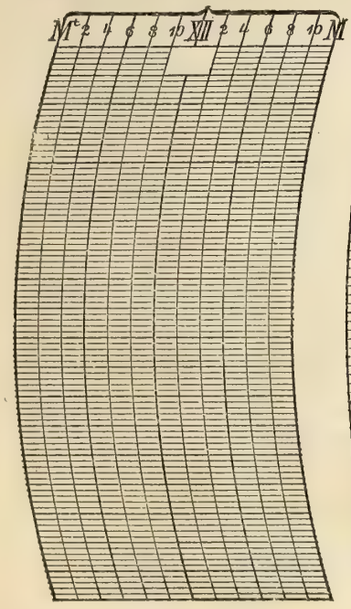
Ex 13

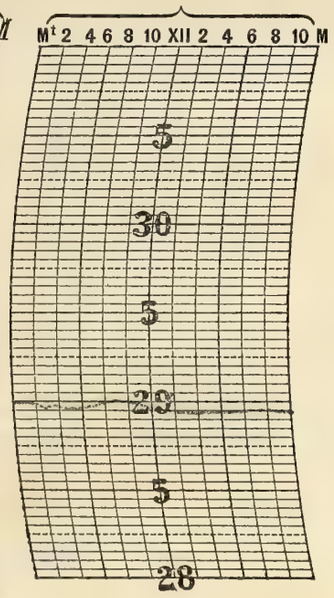
Relative humidity, 70 a. m. 71 p. m.

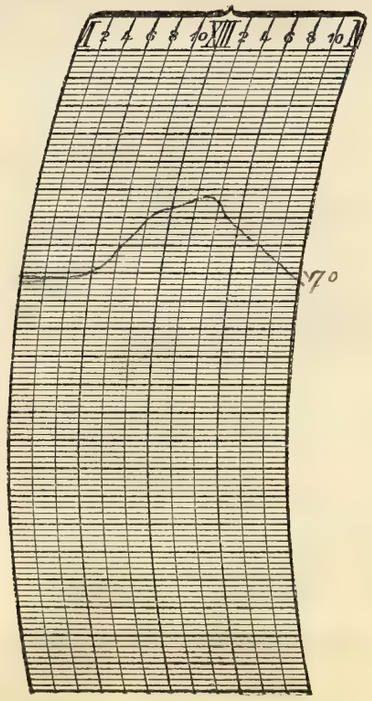
Reduced barometer, 29.89 a. m. 29.85 p. m.

River gage, 8.9 ft

NOTES.






4.00 a.m.

Prepared by
Verified by J.H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 21 1912, 191

Time (local standard) 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 67 | 66 | 66 | 66 | 66 | 67 | 68 | 71 | 73 | 76 | 77 | 78 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | RB DN RE DN | | | | RB 8.25 RE 8.40 | | | |
| Amounts of precipitation | | | | | T | | | | T | | | |
| Cloudiness and other conditions | Cloudy | | | | | | | | | | | |
| Sunrise: Time, Character | 4.57 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0 | 0 | 0 | 0.8 | 1.0 | 1.0 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | W | W | SW | W |
| Wind movement | 5 | 6 | 7 | 7 | 7 | 7 | 5 | 5 | 5 | 6 | 9 | 10 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 81 | 83 | 83 | 63 | 67 | 72 | 71 | 69 | 69 | 68 | 67 | 66 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | RB 3.23 RE 3.40 | | | | | | | | |
| Amounts of precipitation | | | | .38 | | | | | | | | |
| Cloudiness and other conditions | Pt Cloudy | | | | | | | | | | | |
| Sunset: Time, Character | | | | | | | | | 6.31 Cloudy | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 0.9 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | W | SW | W | NW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 9 | 10 | 11 | 10 | 4 | 3 | 3 | 5 | 4 | 5 | 7 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | 31 W 3.25 | | | | | | | | |

| | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | 3.23 p | 3.40 p | .38 | 3.23 p | 3.32 p | 0 | .20 | .36 | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 83 | 63 | 73 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .38 ins.

Total precipitation, midnight to midnight, .38 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 5.7

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 42

Prevailing direction SW

Total movement, 157

Average hourly velocity, 6.5

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 31 Ex 34 | W | 3.25 p.m. |

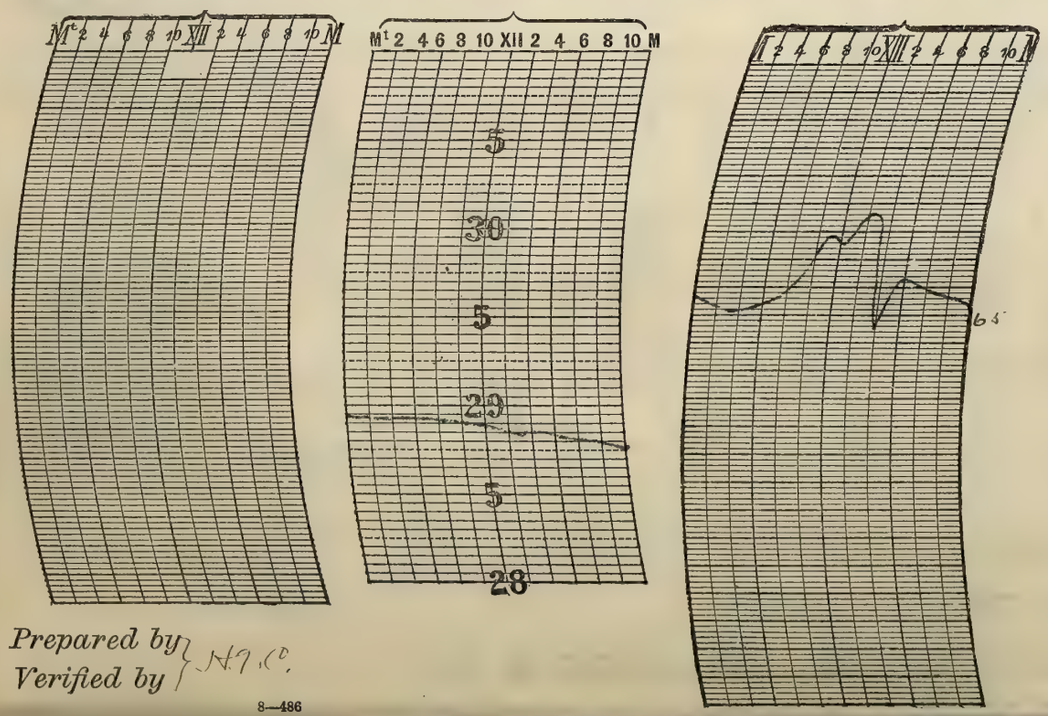
Relative humidity, 93 a. m. 82 p. m.

Reduced barometer, 29.83 a. m. 29.71 p. m.

River gage, 8.2 ft

NOTES.

R 3.15 p.m.




Prepared by
Verified by } N.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 22 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 65 | 65 | 64 | 63 | 64 | 64 | 66 | 67 | 70 | 73 | 76 | 78 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | RB DN RE DN | | | | | | | | |
| Amounts of precipitation | | | | T | | | | | | | | |
| Cloudiness and other conditions | | | | | | Clear | | | | | | |
| Sunrise: Time, 4.58 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0.8 0 | 1.0 0 | 0.3 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 8 | 8 | 7 | 8 | 8 | 7 | 10 | 12 | 14 | 17 | 17 | 21 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 79 | 80 | 80 | 61 | 62 | 64 | 64 | 63 | 62 | 61 | 60 | 59 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | RB 3.46 | | RE 5.10 | | | | | | |
| Amounts of precipitation | | | | .14 | .14 | .71 | | | | | | |
| Cloudiness and other conditions | | | | | | P. Cloudy | | | | | | |
| Sunset: Time, 6.30 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 0.9 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | SW | SW | SW | W | W | SW | W | W | W | W | W | W |
| Wind movement | 20 | 21 | 21 | 19 | 10 | 7 | 6 | 6 | 5 | 4 | 6 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | 31 NW 3.45 | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 80 | 59 | 70 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .28 ins.

Total precipitation, midnight to midnight, .28 inches.

Character of day, P. Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 9.9

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 73

Prevailing direction SW

Total movement, 268

Average hourly velocity, 11.2

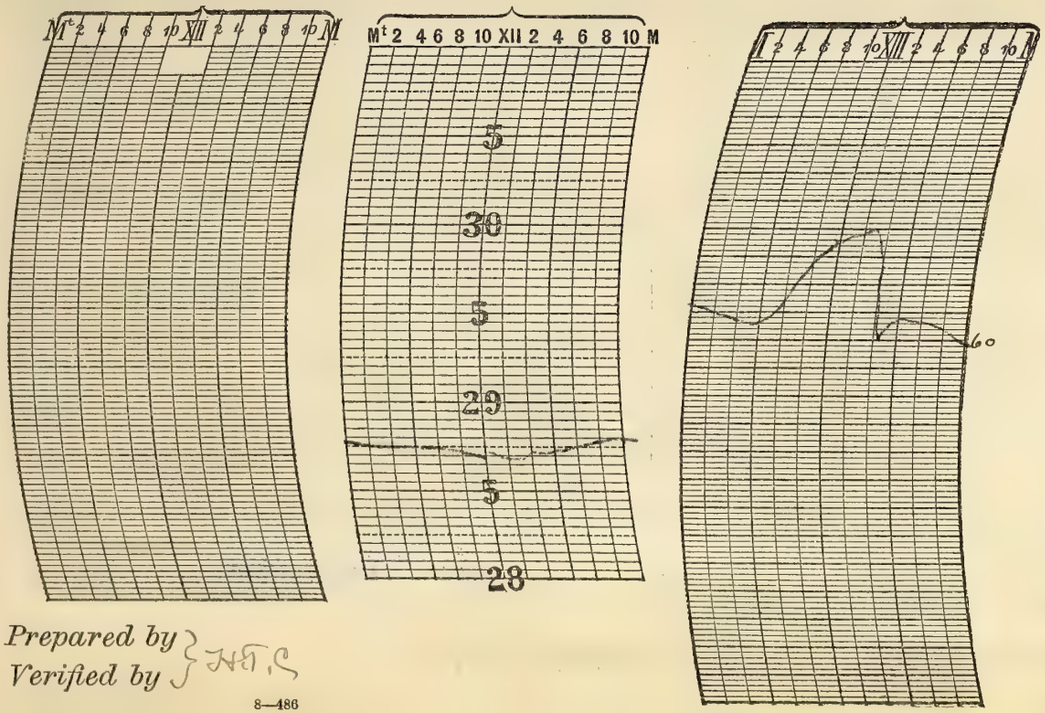
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 31 Ex. 34 | NW | 3.45 p.m. |

Relative humidity, 87 a. m. 92 p. m.

Reduced barometer, 29.66 a. m. 27.61 p. m.

River gage, 7.3 ft.

NOTES.




3.42 P.M.

Prepared by }
Verified by } H.T.S

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 23 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 58 | 59 | 59 | 57 | 57 | 56 | 60 | 62 | 65 | 67 | 68 | 69 | 71 | 71 | 72 | 71 | 70 | 68 | 66 | 64 | 63 | 61 | 60 | 59 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | RB DN RE DN | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | T | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | Partly Cloudy | | | | | | | | Clear | | | | | | | | | | | |
| Sunrise: Time, 4.59 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.28 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | 0 | 0 | 0.1 | 0.9 | 1.0 | 1.0 | 1.0 | 0.7 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 / 0 | .47 / 0 | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | W | W | W | W | W | W | W | W | W | W | NW | NW | NW | NW | NW | NW | S |
| Wind movement | 7 | 9 | 7 | 7 | 6 | 6 | 9 | 8 | 10 | 13 | 15 | 14 | 15 | 16 | 14 | 12 | 10 | 7 | 6 | 2 | 1 | 1 | 3 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 72 | 56 | 64 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 11.1

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 82

Prevailing direction W

Total movement, 202

Average hourly velocity, 8.4

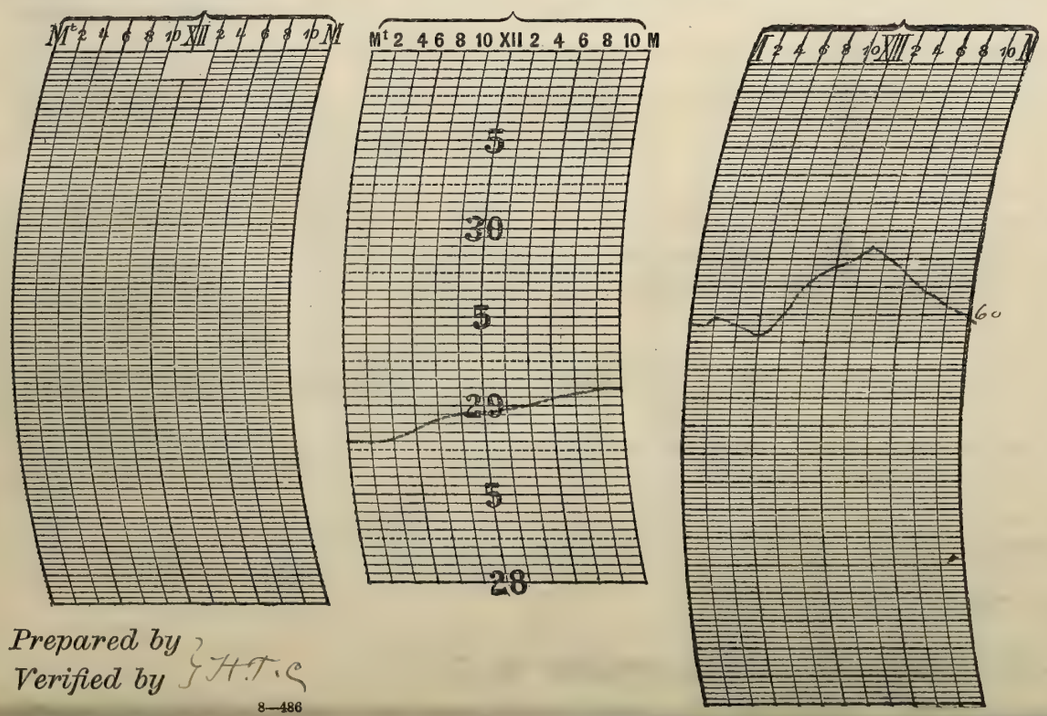
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 18 Ex 19 | W | 11.40 a.m. |

Relative humidity, 89 a. m. 71 p. m.

Reduced barometer, 29.51 a. m. 29.94 p. m.

River gage, 6.0 ft.

NOTES.




Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 24 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 58 | 58 | 58 | 55 | 59 | 60 | 65 | 68 | 72 | 77 | 80 | 82 | 84 | 84 | 84 | 83 | 82 | 80 | 78 | 77 | 76 | 74 | 73 | 72 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | | Clear | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 1.0 0 | 0.4 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 0.4 | 4.5 0 | | | | | |
| Wind direction | S | SE | S | S | S | S | S | S | SW | SW | S | SW | SW | S | SW | S | S | S | S | S | S | S | SW | SW |
| Wind movement | 4 | 3 | 6 | 7 | 8 | 8 | 10 | 11 | 14 | 15 | 15 | 17 | 20 | 19 | 21 | 18 | 19 | 15 | 12 | 12 | 13 | 14 | 13 | 13 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 5.00; Character, Clear

Sunset: Time, 6.27; Character, Clear

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 84 | 58 | 71 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 13.4

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 100

Prevailing direction S

Total movement, 307

Average hourly velocity, 12.8

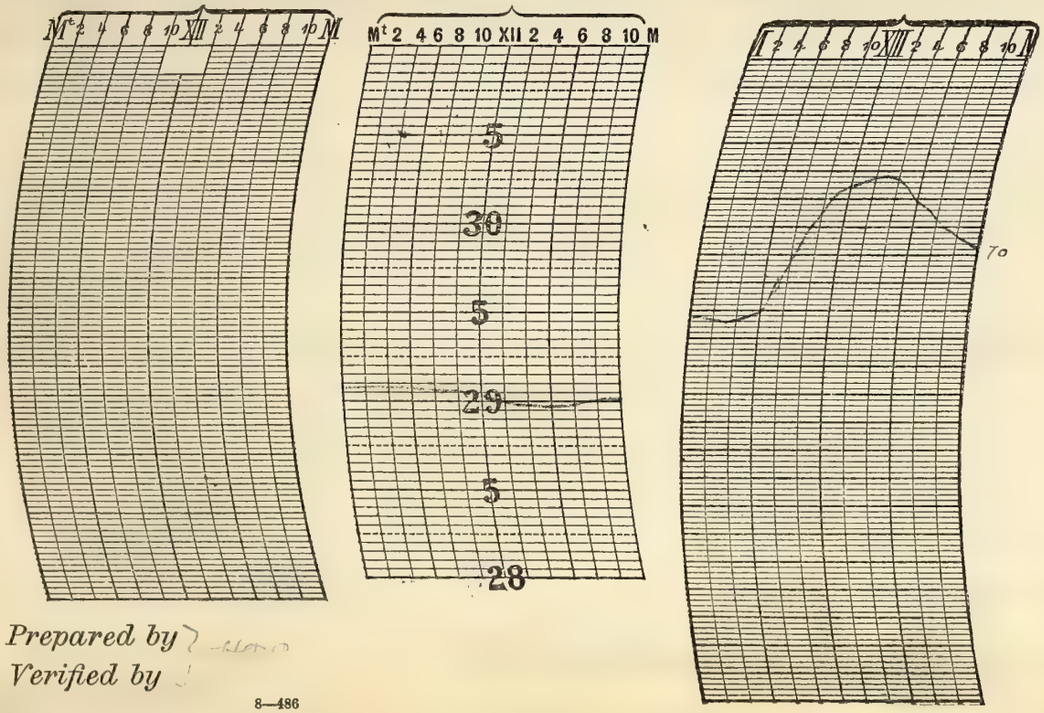
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 24 | S | 2.45 p.m. |
| Ex 24 | | |

Relative humidity, 85 a. m. 69 p. m.

Reduced barometer, 29.98 a. m. 29.87 p. m.

River gage, 4.95

NOTES.




Prepared by

Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 25 1912, 191

Time (local standard) 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 70 | 70 | 70 | 70 | 68 | 69 | 72 | 75 | 78 | 80 | 83 | 86 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | |
| Sunrise: Time, 5.00 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 1.0 0 | 0.5 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | SW | SW | SW | SW | SW | SW | S | SW | SW | SW | S | S |
| Wind movement | 12 | 12 | 13 | 12 | 9 | 9 | 11 | 12 | 13 | 11 | 13 | 14 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 87 | 88 | 89 | 87 | 86 | 84 | 82 | 81 | 80 | 79 | 78 | 77 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | RB 3.10 RE 3.20 | | | | | | | RB 9.10 RE 10.25 | |
| Amounts of precipitation | | | | | | | | | | | T | |
| Cloudiness and other conditions | | | | | | Partly Cloudy | | | | | | |
| Sunset: Time, 6.25 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 0.8 | 0.1 | 0 | 0 | 0 | | | | | |
| Wind direction | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 18 | 20 | 16 | 13 | 10 | 9 | 8 | 8 | 9 | 10 | 8 | 10 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 89 | 68 | 78 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 9.9

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 74

Prevailing direction SW

Total movement, 280

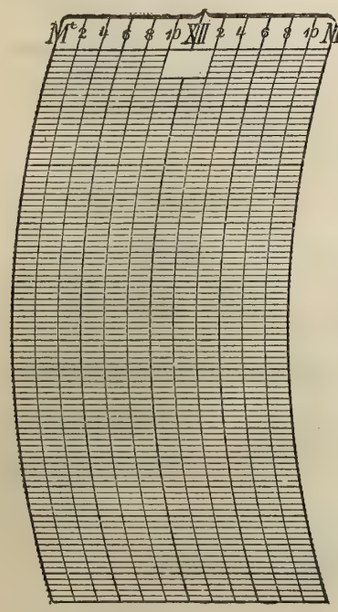
Average hourly velocity, 11.7

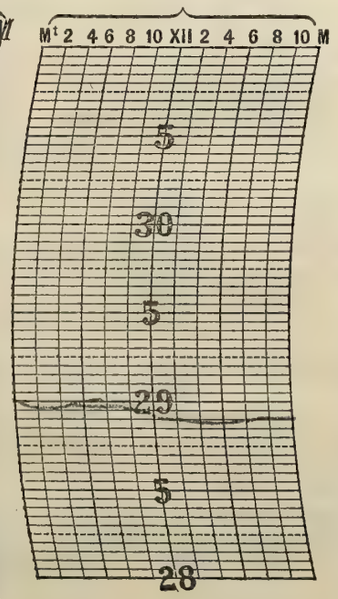
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 22 Ex 22 | SW | 1.35 p.m. |

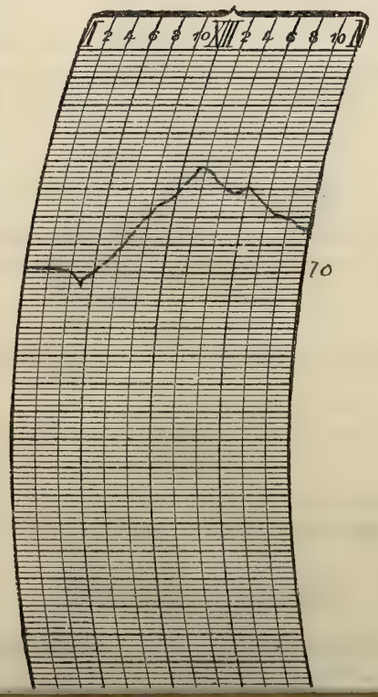
Relative humidity, 72 a. m. 72 p. m.

Reduced barometer, 29.86 a. m. 29.78 p. m.

River gage, 4.0 ft




NOTES.

RB 3.00 p.m.
RE 10.00 p.m.

Prepared by
Verified by

Form No. 1012—Mot 1.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 26 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 75 | 74 | 73 | 72 | 72 | 72 | 73 | 75 | 77 | 80 | 83 | 86 | 87 | 86 | 87 | 86 | 85 | 80 | 75 | 73 | 70 | 66 | 63 | 61 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | Pt Cloudy | | | | | | | | | | |
| Sunrise: Time, 5.02 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.24 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0 | 0 | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | NW | NW | NW | NW | NW | NW | N | N |
| Wind movement | 12 | 9 | 10 | 9 | 9 | 12 | 12 | 13 | 17 | 18 | 16 | 16 | 16 | 16 | 14 | 13 | 14 | 13 | 11 | 12 | 12 | 11 | 10 | 8 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 87 | 61 | 74 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 9.2

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 69

Prevailing direction SW

Total movement, 303

Average hourly velocity, 12.6

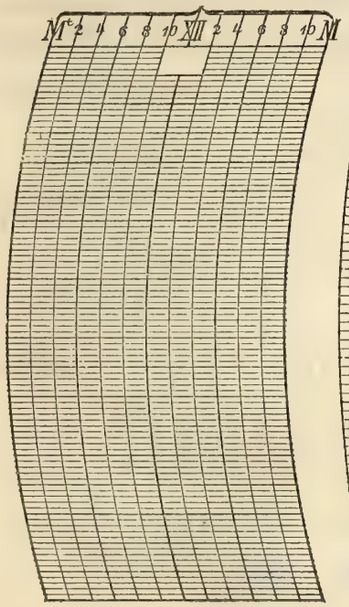
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 | SW | 9.05 a.m. |

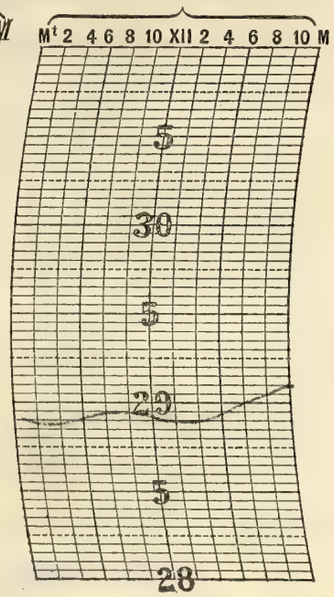
Relative humidity, 85 a. m. 66 p. m.

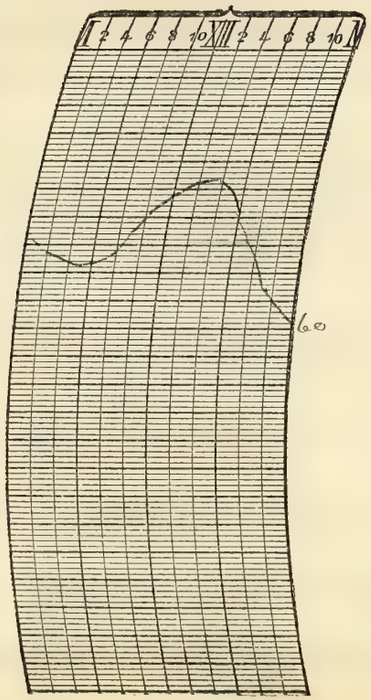
Reduced barometer, 29.80 a. m. 29.86 p. m.

River gage, 3.2 ft

NOTES.






Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

AUG 27 1912

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) ....., 191

Time (local standard) 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 58 | 56 | 54 | 54 | 53 | 56 | 57 | 59 | 61 | 64 | 67 | 68 | 70 | 70 | 69 | 69 | 68 | 66 | 65 | 63 | 62 | 59 | 59 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | Partly Cloudy | | | | | | | Clear | | | | | | | | | | | |
| Sunrise: Time, Character | 5.03 Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character | 6.22 Clear | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0.1 | 0.5 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 0.2 | 37 0 | | | | | |
| Wind direction | N | N | N | N | N | N | NW | N | N | N | N | N | N | N | N | N | NW | NW | N | N | NW | NW | NW | N |
| Wind movement | 7 | 8 | 7 | 8 | 7 | 5 | 6 | 7 | 6 | 7 | 6 | 8 | 8 | 8 | 6 | 5 | 5 | 5 | 3 | 1 | 2 | 1 | 1 | 1 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 70 | 54 | 62 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Full Moon

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 10.8

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 81

Prevailing direction N

Total movement, 128

Average hourly velocity, 5.3

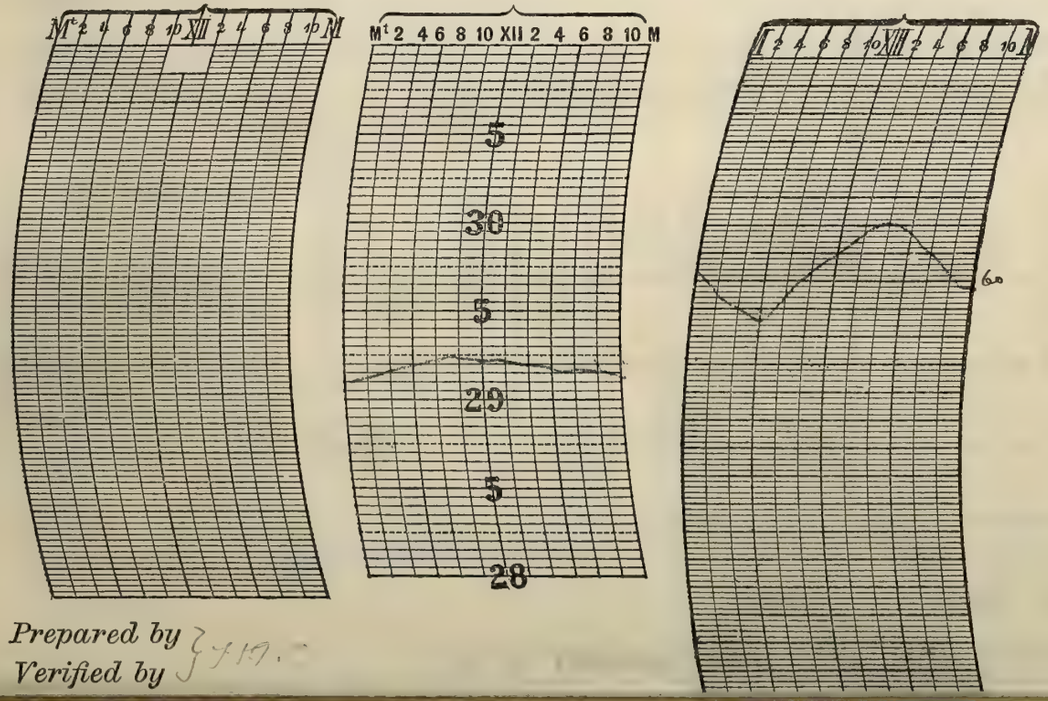
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 Ex 12, | N | 3.20 a.m. |

Relative humidity, 82 a. m. 58 p. m.

Reduced barometer, 30.12 a. m. 30.08 p. m.

River gage, 2.7 ft.

NOTES.




Prepared by
Verified by

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 28 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 59 | 58 | 56 | 55 | 54 55 | 57 | 59 | 60 | 62 | 57 | 58 | 64 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | RB 7.10 RE 7.13 | | RB 9.15 | RE 9.16 | |
| Amounts of precipitation | | | | | | | | T | | .26 | T | |
| Cloudiness and other conditions | | | | | | Cloudy | | | | | | |
| Sunrise: Time, 5.04 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0.2 | 1.0 |
| Wind direction | NE | SE | SE | SE | E | SE | SE | SE | SE | E | E | SE |
| Wind movement | 2 | 4 | 6 | 4 | 6 | 9 | 11 | 8 | 12 | 11 | 7 | 12 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 68 | 72 | 74 | 76 | 78 | 79 | 79 | 78 | 77 | 75 | 74 | 72 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | Cloudy | | | | | | | | |
| Sunset: Time, 6.21 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 0.6 | 0 | 0.1 | 0 | 0 | 0 | | | | | |
| Wind direction | SE | E | SE | SE | SE | S | S | SW | W | W | W | W |
| Wind movement | 13 | 13 | 7 | 3 | 4 | 5 | 9 | 10 | 8 | 7 | 5 | 4 |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 79 | 54 | 66 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .26 ins.

Total precipitation, midnight to midnight, .26 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 2.9

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 22

Prevailing direction SE

Total movement, 180

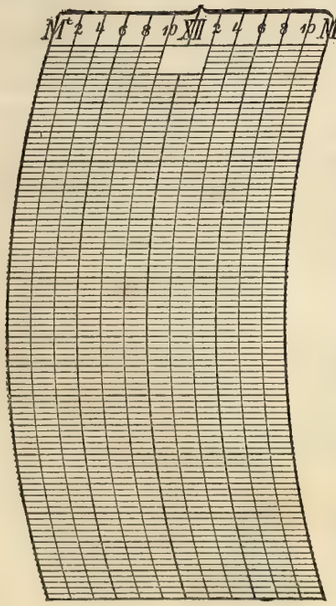
Average hourly velocity, 7.5

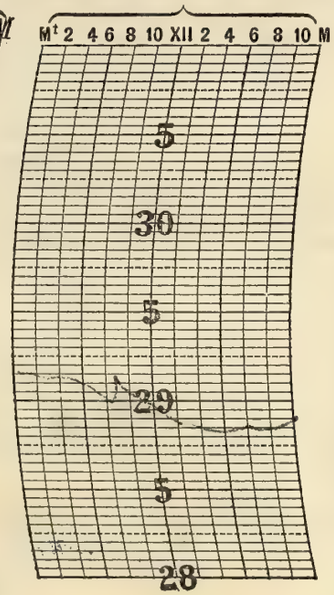
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 26 Ex. 30. | N | 8.55 a.m |

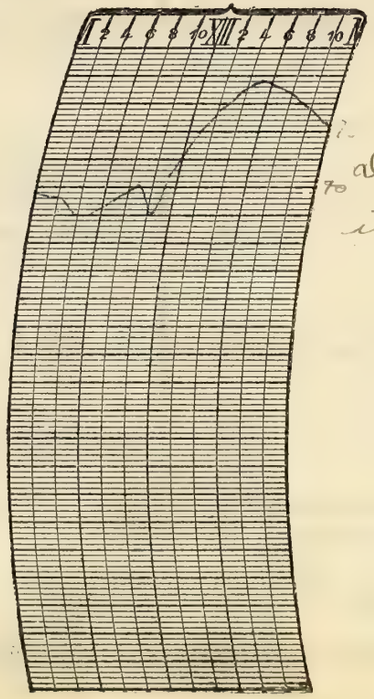
Relative humidity, 83 a. m. 83 p. m.

Reduced barometer, 29.95 a. m. 29.71 p. m.

River gage, 2.5 ft




NOTES.

9.00 a.m

Darkness prevailed at 8.30 to 9.00 a.m. so that it was necessary to use lights in buildings.

Prepared by
Verified by } H.H.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 29 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 69 | 64 | 64 | 64 | 64 | 63 | 65 | 64 | 64 | 64 | 64 | 65 | 66 | 66 | 67 | 67 | 67 | 66 | 65 | 64 | 64 | 63 | 62 | 61 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | Cloudy | | | | | | | | | Cloudy | | | | | | | | | |
| Sunrise: Time, 5.04 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.19 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.3 | 0.3 | 0 | 0 | 0 | 0 | 0 | | | | | |
| Wind direction | NE | NE | N | NE | N | N | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | E | E | E |
| Wind movement | 10 | 9 | 6 | 7 | 4 | 5 | 11 | 10 | 11 | 10 | 6 | 7 | 8 | 7 | 8 | 7 | 7 | 7 | 6 | 6 | 6 | 7 | 3 | 5 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 72 | 61 | 66 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 0.6

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 5

Prevailing direction NE

Total movement, 175

Average hourly velocity, 7.3

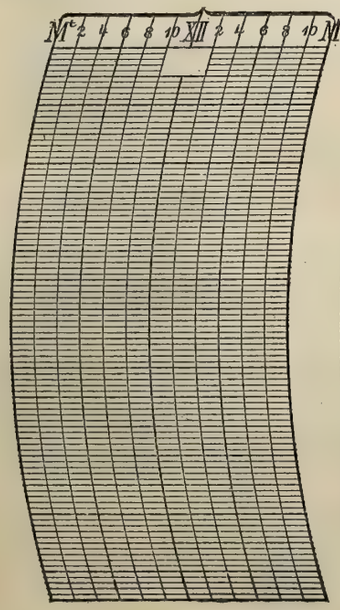
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 13 | NE | 6:20 a.m. |
| Ex 13 | | |

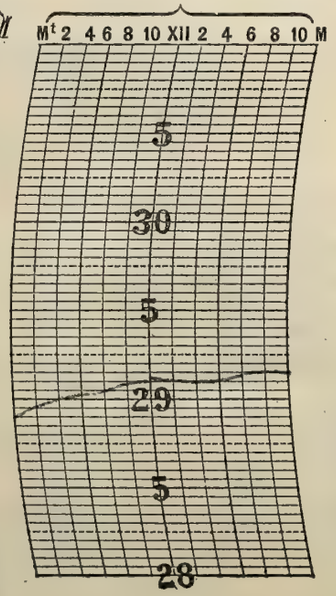
Relative humidity, 80 a. m. 90 p. m.

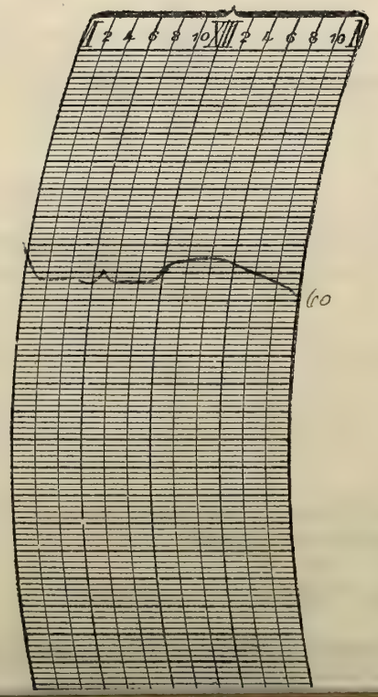
Reduced barometer, 29.94 a. m. 30.02 p. m.

River gage, 2.4 ft.

NOTES.




Prepared by
Verified by

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 30 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 59 | 57 | 56 | 54 | 54 | 57 | 59 | 63 | 66 | 68 | 71 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | RB DN RB DN T | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | Cloudy | | | | | | |
| Sunrise: Time, 5.05 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0.7 | 0.8 | 0.7 | 0.5 | 0.6 |
| Wind direction | E | E | NE | NE | E | E | E | E | E | SE | SE | E |
| Wind movement | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 5 | 6 | 6 |
| Maximum velocities (exceeding 30 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 75 | 79 | 77 | 77 | 76 | 74 | 72 | 71 | 70 | 68 | 67 | 65 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | Pt Cloudy | | | | | | | |
| Sunset: Time, 6.17 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 0.3 | 0.7 | 0.7 | 0 | 0 | | | | | |
| Wind direction | SE | SE | E | E | E | E | E | E | E | E | E | E |
| Wind movement | 6 | 7 | 7 | 7 | 9 | 7 | 7 | 4 | 4 | 4 | 4 | 3 |
| Maximum velocities (exceeding 30 miles) direction and time | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 79 | 54 | 66 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m. 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 7.0

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 53

Prevailing direction E

Total movement, 142

Average hourly velocity, 5.9

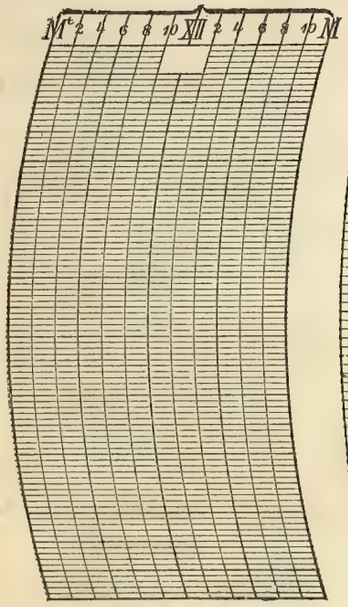
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 11 | E | 2.30 p.m. |
| Ex 11 | | |

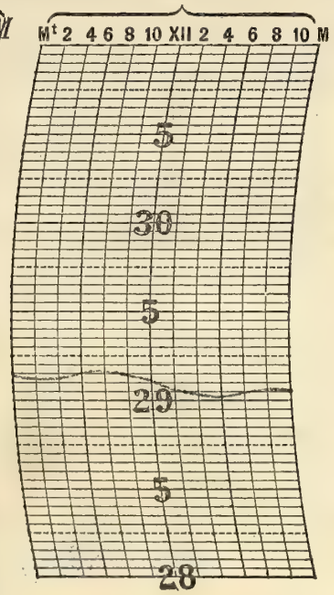
Relative humidity, 88 a. m. 86 p. m.

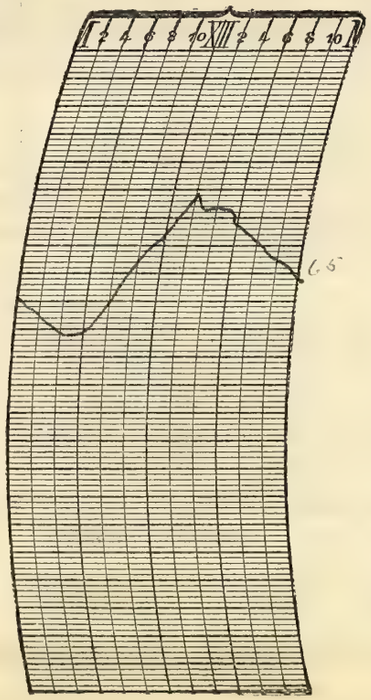
Reduced barometer, 30.07 a. m. 29.95 p. m.

River gage, 2.3 ft

NOTES.






Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 31 1912, 191

Time (local standard) 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 65 | 70 | 70 | 71 | 71 | 72 | 75 | 77 | 79 | 82 | 86 | 88 | 89 | 91 | 91 | 90 | 88 | 86 | 84 | 82 | 80 | 79 | 78 | 78 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | RB DN RE DN | # | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | — | | | Partly Cloudy | | | | | — | | Clear | | | — | | | | | | |
| Sunrise: Time, 5.07 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.16 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0.4 | 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 0.3 | 2.7 0 | | | | | |
| Wind direction | E | SE | SE | S | S | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | S | S | SW | SW |
| Wind movement | 3 | 7 | 8 | 8 | 9 | 9 | 8 | 10 | 11 | 10 | 9 | 11 | 12 | 12 | 12 | 12 | 10 | 8 | 8 | 8 | 8 | 9 | 9 | 10 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 91 | 65 | 78 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 11.1

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 84

Prevailing direction SW

Total movement, 221

Average hourly velocity, 9.2

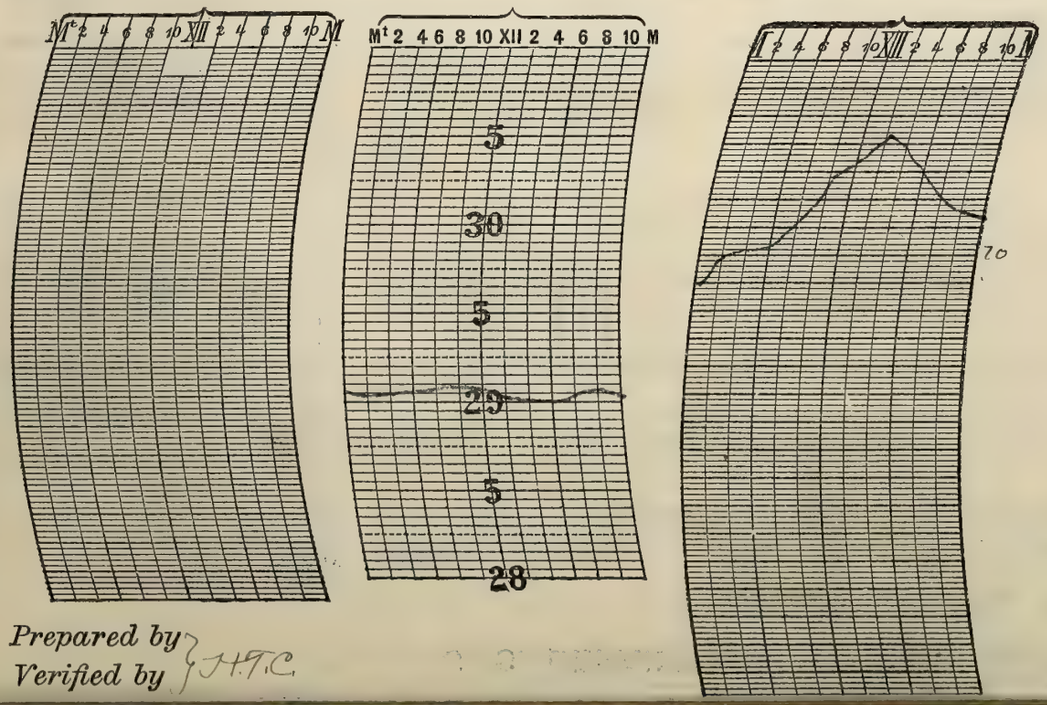
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 15 Ex 16 | SW | 2.10 p.m. |

Relative humidity, 87 a. m. 70 p. m.

Reduced barometer, 29.97 a. m. 29.91 p. m.

River gage, 2.1 ft.

NOTES.




Prepared by
Verified by } H.T.C.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 1 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 77 | 77 | 76 | 75 | 75 | 75 | 77 | 80 | 82 | 85 | 87 | 91 | 89 | 93 | 93 | 90 | 88 | 85 | 83 | 81 | 80 | 78 | 77 | 77 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, 5.08 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.14 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0.5 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 0.4 | 0.3 0 | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 10 | 10 | 9 | 11 | 10 | 9 | 12 | 14 | 15 | 14 | 14 | 15 | 13 | 13 | 14 | 15 | 16 | 11 | 7 | 8 | 9 | 8 | 8 | 9 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 93 | 75 | 84 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 11.5

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 88

Prevailing direction SW

Total movement, 274

Average hourly velocity, 11.4

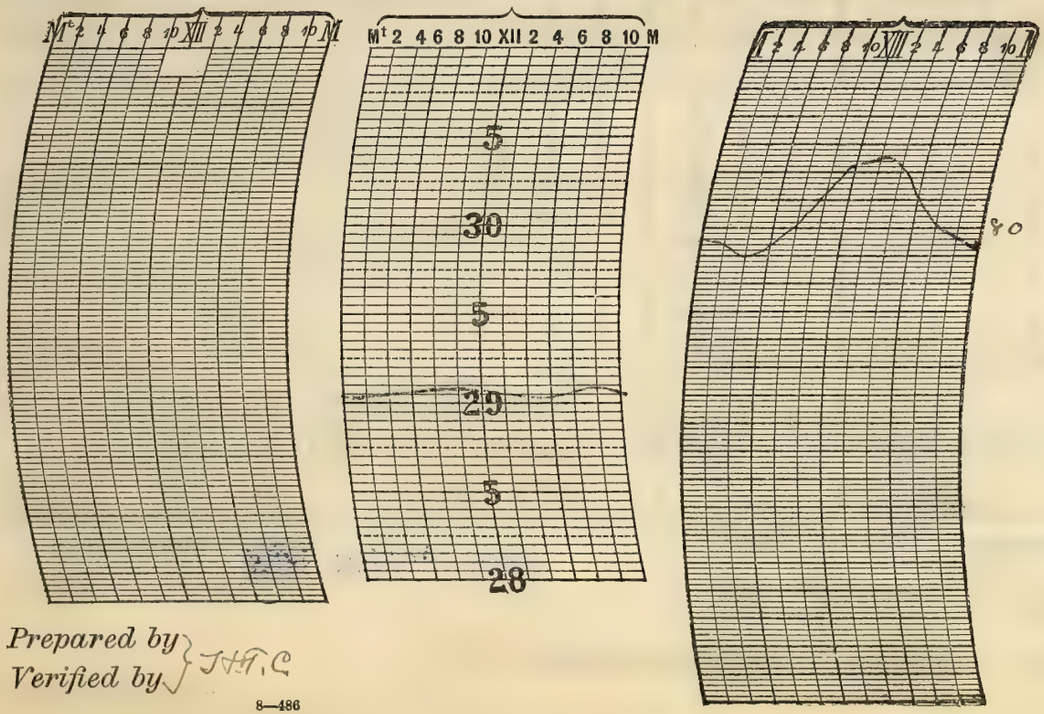
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 Ex 20 | SW | 4.05 p.m. |

Relative humidity, 63 a. m. 66 p. m.

Reduced barometer, 29.93 a. m. 29.92 p. m.

River gage, 2.1 ft.

NOTES.




Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 2 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 77 | 76 | 76 | 76 | 74 | 75 | 76 | 80 | 82 | 84 | 86 | 88 | 90 | 93 | 87 | 91 | 86 | 84 | 82 | 73 | 73 | 72 | 71 | 70 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | RB 7.05 RE 7.40 | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | .01 | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | | Clear | | | | | | | | | |
| Sunrise: Time, 5.09 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.12 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | 0.7 | 0.8 | 0 | 0 | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | SW | SW | SW | SW | SW | SW | S | SW | NW | W | SW | W | SW |
| Wind movement | 9 | 9 | 12 | 10 | 11 | 10 | 11 | 15 | 13 | 10 | 9 | 9 | 12 | 10 | 10 | 9 | 11 | 6 | 10 | 10 | 4 | 8 | 5 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 93 | 70 | 82 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 9.4

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 72

Prevailing direction SW

Total movement, 224

Average hourly velocity, 9.5

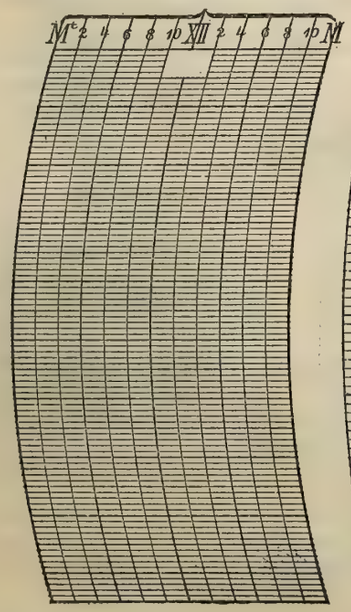
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 24 | NW | 7.05 p.m. |
| Ex 25 | | |

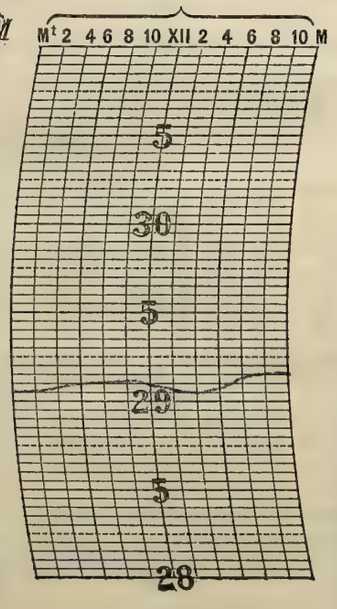
Relative humidity, 76 a. m. 69 p. m.

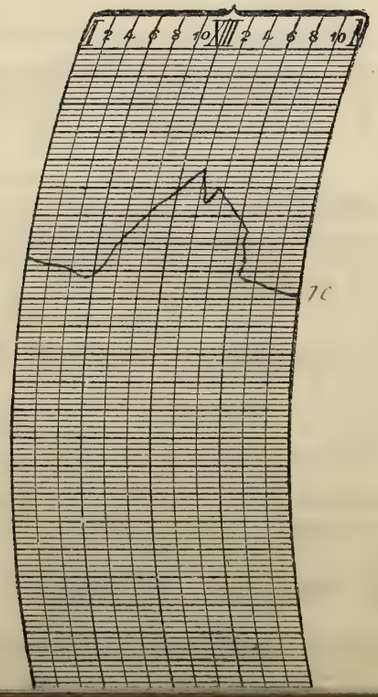
Reduced barometer, 29.97 a. m. 30.00 p. m.

River gage, 2.2 ft.

NOTES.




Prepared by
Verified by J.H.T.C.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 3 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 70 | 70 | 69 | 69 | 68 | 69 | 70 | 72 | 76 | 78 | 80 | 82 | 83 | 84 | 83 | 84 | 82 | 80 | 78 | 75 | 74 | 73 | 71 | 69 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | | ← | | Clear | | | | | → | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 5.10 Character, Cloudy | | | 1 | | 0 | 0 | 0 | 0.6 | 1.0 | 1.0 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 0.2 ~~#~~ | .18 # ~~.09~~ 0 | | Sunset: Time, 6.11 Character, Clear | | | |
| Wind direction | W | W | NW | NW | NW | NW | N | NE | NE | NE | NE | NE | NE | N | NW | N | N | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 4 | 4 | 6 | 6 | 4 | 4 | 7 | 9 | 8 | 4 | 3 | 5 | 5 | 6 | 6 | 7 | 8 | 6 | 5 | 7 | 5 | 4 | 4 | 5 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

/ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 84 | 68 | 76 | — |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, ~~7.5~~ 9.6

Possible sunshine, hours, 13.0

Percentage of possible sunshine, ~~73~~ 74

Prevailing direction NE

Total movement, 134

Average hourly velocity, 5.6

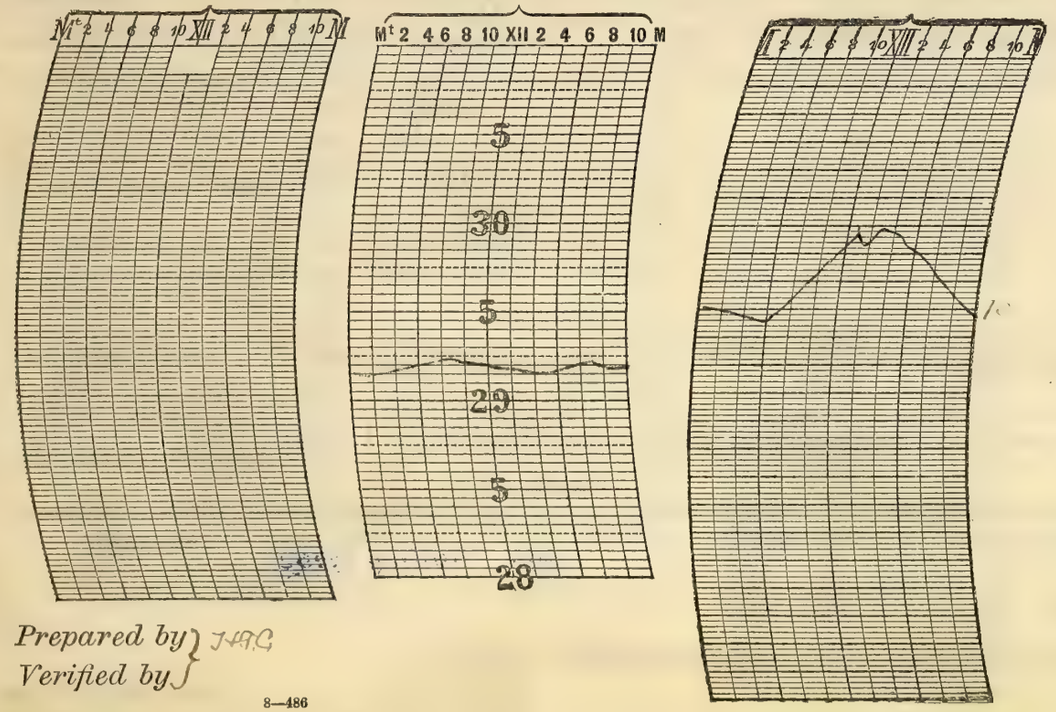
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 10 Ex. 10 | N | 7.10 A. |

Relative humidity, 90 a. m. 75 p. m.

Reduced barometer, 30.10 a. m. 30.09 p. m.

River gage, 2.3 ft.

NOTES.




Prepared by } J.H.C.
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 4 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 67 | 66 | 65 | 64 | 62 | 65 | 65 | 68 | 71 | 75 | 79 | 80 | 82 | 83 | 84 | 83 | 82 | 82 | 78 | 79 | 77 | 75 | 71 | 73 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | Cldy | | P.C. | | | Clear | | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0 | 0 | | | | |
| Wind direction | NE | NE | E | NE | NE | NE | E | E | E | E | SE | NE | NE | NE | NE | NE | NE | E | E | E | SE | SE | E | SE |
| Wind movement | 7 | 6 | 3 | 4 | 4 | 4 | 3 | 5 | 5 | 4 | 3 | 3 | 5 | 5 | 5 | 5 | 4 | 3 | 4 | 4 | 5 | 5 | 3 | 4 |

Sunrise: Time, 5.11; Character, Cldy

Sunset: Time, 6.09; Character,

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 84 | 62 | 73 | 0 |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Last Quarter

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 9.8

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 75

Prevailing direction NE

Total movement, 103

Average hourly velocity, 4.3

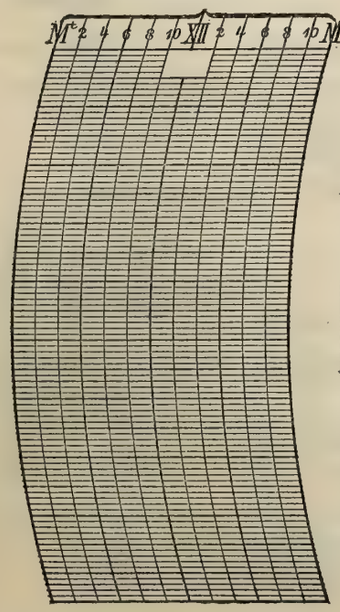
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 8 | NE | 12.30 A.M. |

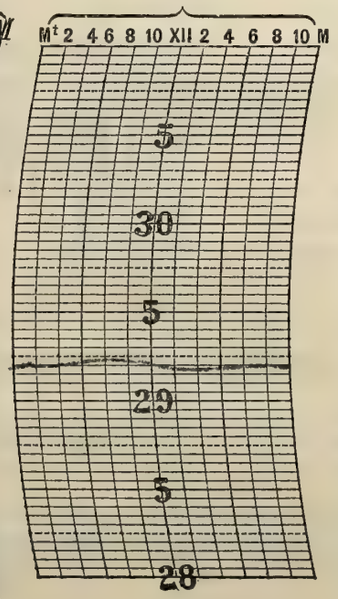
Ex. 8

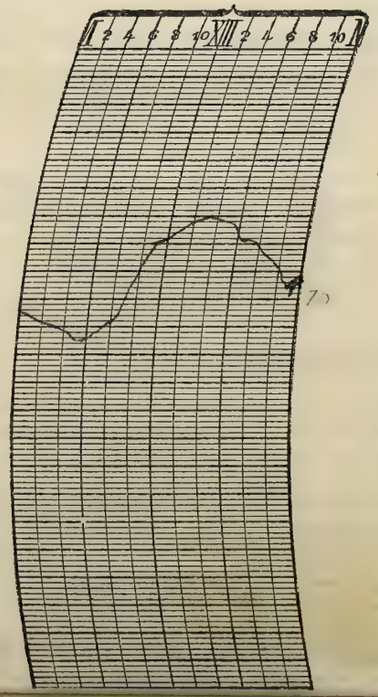
Relative humidity, 100 a. m. 87 p. m.

Reduced barometer, 30.14 a. m. 30.09 p. m.

River gage, 2.3 ft.





NOTES.

Dense Fog in early morning becoming Light at 7.30 AM. and lifting by 8.00 AM.

*Prepared by*

*Verified by*

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 5 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 71 | 71 | 71 | 69 | 71 | 73 | 72 | 77 | 82 | 86 | 88 | 90 | 92 | 94 91 | 92 | 92 | 91 | 88 | 84 | 82 | 81 | 80 | 78 | 76 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | ← Clear | | | | | | | → | ← Pt Cldy | | | | | | ← Clear | | | | | → |
| Sunrise: Time 5.11, Character Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time 6.08, Character Clear | | | |
| Sunshine (in tenths of hours) | | | | | | .82 0 | 0.7 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 0.1 | .13 0 | | | | | |
| Wind direction | SE | SE | SE | SE | S | S | S | S | SW | SW | W | W | SW | W | W | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 2 | 3 | 4 | 4 | 5 | 2 | 3 | 7 | 9 | 8 | 7 | 8 | 7 | 7 | 7 | 6 | 6 | 5 | 3 | 4 | 1 | 2 | 3 | 4 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 94 | 69 | 82 | — |

Total depth of snow for 24 hours ending 1 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cldy. Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 13.0

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 117

Average hourly velocity, 4.9

Maximum velocity, 11 Direction, W Time. 8.00 A.M.

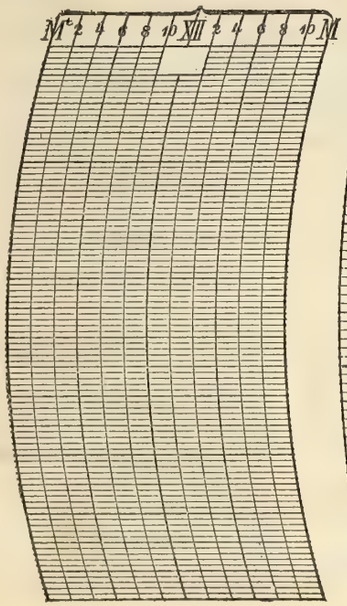
Ex. 11

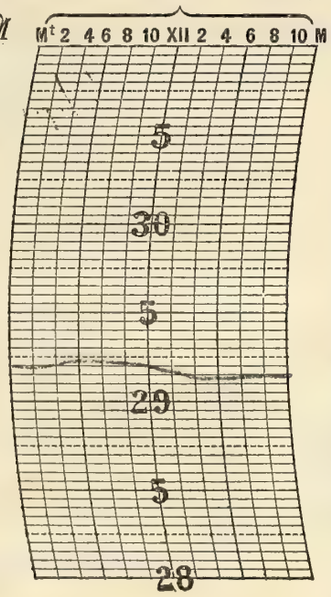
Relative humidity, 78 a. m. 70 p. m.

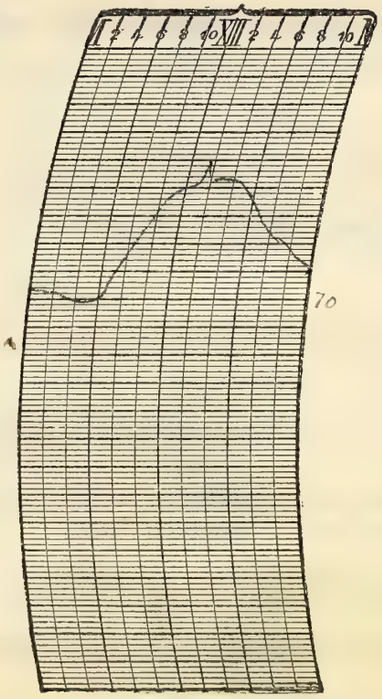
Reduced barometer, 30.13 a. m. 30.04 p. m.

River gage, 2.3 ft.

NOTES.




Prepared by

Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) Sept. 6, 1912

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 75 | 74 | 72 | 74 | 73 | 72 | 72 (74) | 81 | 85 | 87 | 90 | 90 | 89 | 91 | 92 (93) | 89 | 88 | 87 | 85 | 83 | 80 | 78 | 76 | 75 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | ← | | | Pt. Cldy | | | | | | | | | | → | Clear | | | | |
| Sunrise: Time, 5.12; Character, Cldy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.06; Character, Cldy | | | |
| Sunshine (in tenths of hours) | | | 0 | | | 0 | 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.5 | 0 | 0 | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | W | W | NW | NW | NW | NW | W | W | W | W | W | W | W | W | W | SW |
| Wind movement | 4 | 3 | 4 | 5 | 4 | 4 | 5 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 8 | 8 | 6 | 4 | 3 | 2 | 3 | 3 | 4 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 93 | 72 | 82 | – |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cldy Moon phase,

Average daily cloudiness (0–10) 7

Actual sunshine, hours, 95

Possible sunshine, hours, 129

Percentage of possible sunshine, 74

Prevailing direction W

Total movement, 122

Average hourly velocity, 5.1

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 | SW | 2.30 P.M. |

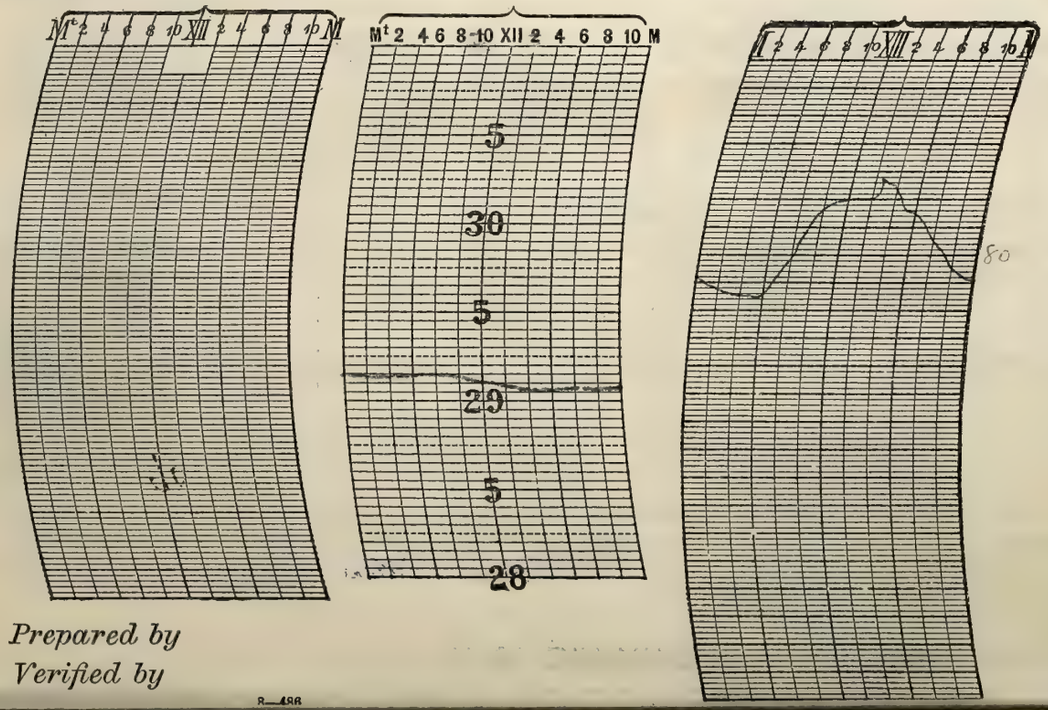
6×12

Relative humidity, 82 a. m. 63 p. m.

Reduced barometer, 30.06 a. m. 29.97 p. m.

River gage, 2.2 ft.

NOTES.




*Prepared by*

*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 7 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 75 | 75 | 72 | 73 | 73 | 72 (70) | 73 | 75 | 77 | 79 | 80 | 78 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | ← P.Cy | | | → | | Cldy | → |
| Sunrise: Time, Character, Cldy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0.2 | 0.7 | 1.0 | 1.0 | 0.5 | 0 |
| Wind direction | W | W | W | W | W | SW | N | NE | NE | NE | NE | E |
| Wind movement | 4 | 2 | 3 | 2 | 1 | 3 | 5 | 8 | 7 | 8 | 7 | 6 |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 63 | 70 | 73 | 78 | 76 | 75 | 73 | 71 | 70 | 70 | 67 | 67 |
| State of weather: Nature of precipitation and time of beginning and ending | R.B 12.19 | RE 1.15 | | | | | | | | | | |
| Amounts of precipitation | .59 | .01 | | | | | | | | | | |
| Cloudiness and other conditions | | | ← | P.Cy | | → | | ← | P.Cy | | → | Clear → |
| Sunset: Time, Character, Cldy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0.3 | 1.0 | 0.8 | 0 | 0 | | | | | |
| Wind direction | SW | S | NE | N | N | N | N | NE | E | E | S | S |
| Wind movement | 19 | 7 | 5 | 2 | 3 | 4 | 4 | 4 | 5 | 5 | 4 | 2 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts. 12.10 p | 1.15 p | .60 | 12.15 p | 12.30 p | .02 | .14 | .35 | .47 | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 81 | 63 | 72 | — |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .60 ins.

Total precipitation, midnight to midnight, .60 inches.

Character of day, Cldy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 5.5

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 44 43

Prevailing direction NE

Total movement, 120

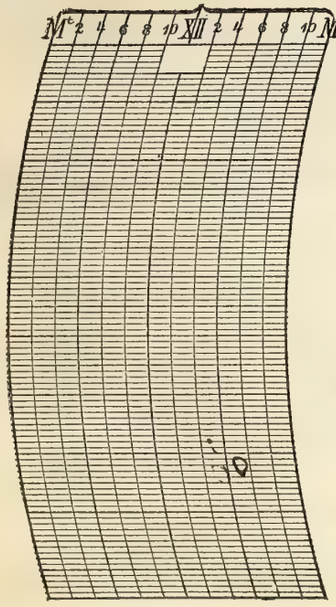
Average hourly velocity, 5.0

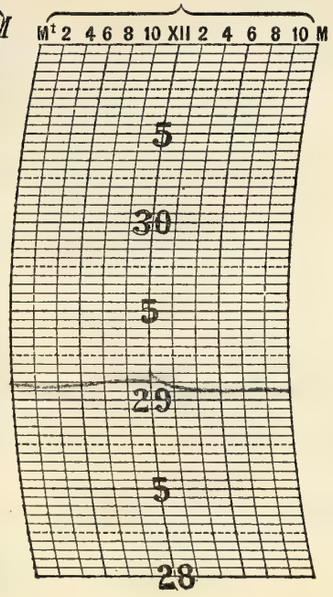
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 23 6x25 | SW | 12.15 P. |

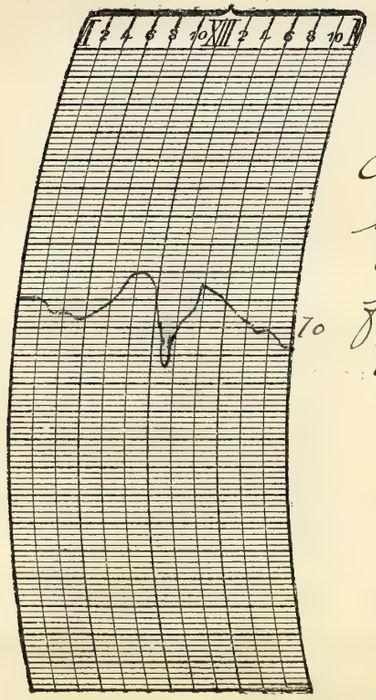
Relative humidity, 85 a. m. 78 p. m.

Reduced barometer, 30.09 a. m. 29.96 p. m.

River gage, 2.2 ft




NOTES.

Thunderstorm, heavy, from 12.05 P.M. to 12.30 P.M. with heavy clouds, so lights were needed in offices. Very heavy rain reported from Roanoke, and tornado in that vicinity.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 8 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 67 | 66 | 65 | 64 | 62 | 60 | 64 | 67 | 72 | 80 | 82 | 85 | 87 | 87 | 88 | 88 | 87 | 85 | 81 | 80 | 78 | 75 | 72 | 74 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | ← | | | | | Clear | | | | | | | | | | | → | | |
| Sunrise: Time, 5.14; Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.03; Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | .77 0 | 0.5 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 0.4 | .05 0 | | | | | |
| Wind direction | S' | S' | S' | S' | S' | S' | E | NE | NE | NE | SE | S | S' | S' | S' | SW | SW | S' | S' | SE | SE | S'E | S'E | S'E |
| Wind movement | 1 | 0 | 1 | 0 | 1 | 2 | 3 | 2 | 3 | 4 | 4 | 5 | 5 | 6 | 5 | 6 | 2 | 1 | 2 | 3 | 4 | 4 | 2 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 88 | 60 | 74 | – |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 12.8

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 100

Prevailing direction S'

Total movement, 71

Average hourly velocity, 3.0

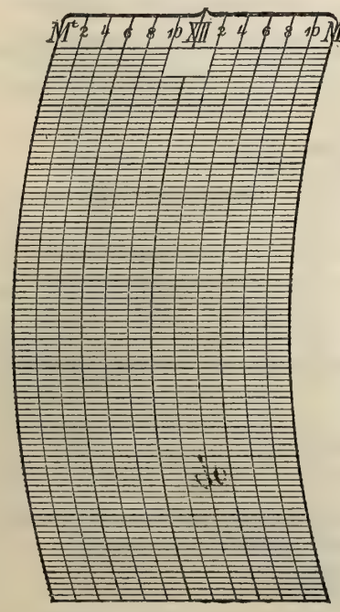
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 8 Ex. 8 | S | 1.50 P. |

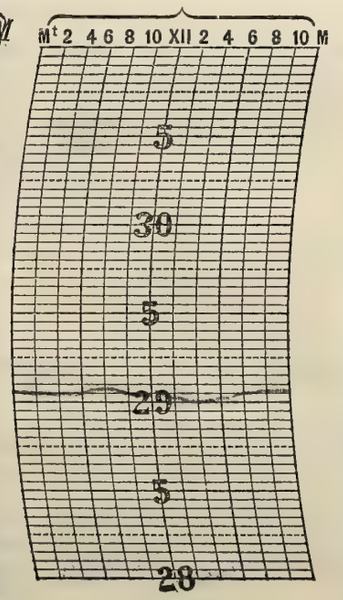
Relative humidity, 93 a. m. 70 p. m.

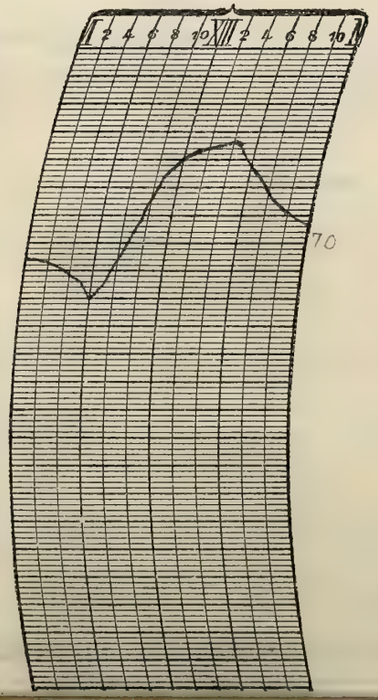
Reduced barometer, 29.98 a. m. 29.95 p. m.

River gage, 2.4 ft

NOTES.






*Prepared by*

*Verified by*

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 9 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 73 | 70 | 70 | 68 | 68 | 65 | 70 | 77 | 80 | 85 | 88 | 88 | 90 | 91 | 91 | 91 | 89 | 87 | 83 | 80 | 77 | 75 | 73 | 72 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | ← Clear | | | | | | | | | | | | | | | | | | → |
| Sunshine (in tenths of hours) | | | | | | .75 0 | 0.7 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 0.2 | .02 0 | | | | | |
| Wind direction | SE | S | S | SE | SE | SE | SE | SE | SW | SW | SW | SW | S | S | S | S | SE | S | SE | SE | SE | SE | SE | SE |
| Wind movement | 4 | 4 | 2 | 2 | 2 | 3 | 2 | 3 | 6 | 7 | 5 | 5 | 5 | 6 | 6 | 5 | 5 | 4 | 1 | 2 | 1 | 1 | 2 | 1 |

Sunrise: Time, 5.15; Character, Clear

Sunset: Time, 6.01; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 91 | 65 | 78 | — |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 12.8

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 100

Prevailing direction SE

Total movement, 84

Average hourly velocity, 3.5

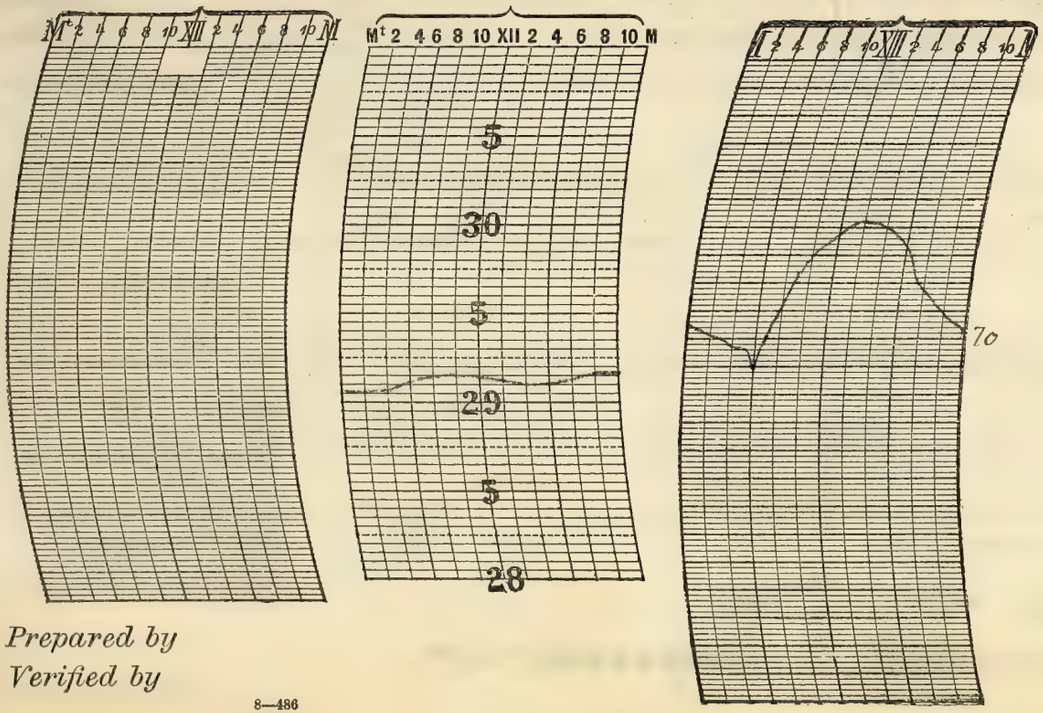
Maximum velocity, 9 Ex 9. Direction, SW Time, 9 25 A.M.

Relative humidity, 73 a. m. 58 p. m.

Reduced barometer, 30.02 a. m. 30.03 p. m.

River gage, 2.4 ft.

NOTES.




Prepared by

Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 10 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 72 | 70 | 69 | 68 | 68 | 68 | 73 | 75 | 80 | 85 | 88 | 89 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | ← | | | | | | | | Clear | |
| Sunrise: Time, 5.16 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | .73 0 | 0.4 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | SE | SE | S | SE | S | S | S | S | SW | SW | SW | SW |
| Wind movement | 2 | 3 | 1 | 1 | 3 | 4 | 4 | 7 | 7 | 7 | 8 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 91 | 91 ~~92~~ | 92 | 91 | 90 | 87 | 84 | 80 | 78 | 76 | 75 | 73 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | → | |
| Sunset: Time, 5.59 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0 | .98 0 | | | | | |
| Wind direction | W | SW ~~W~~ | SW ~~W~~ | W | W | W | W ~~W~~ | W | SW | SW | SW | SW |
| Wind movement | 8 | 7 | 7 | 7 | 4 | 2 | 0 | 3 | 4 | 5 | 5 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 92 | 68 | 80 | – |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, New Moon

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 12.7

Possible sunshine, hours, 12.7

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 112

Average hourly velocity, 4.7

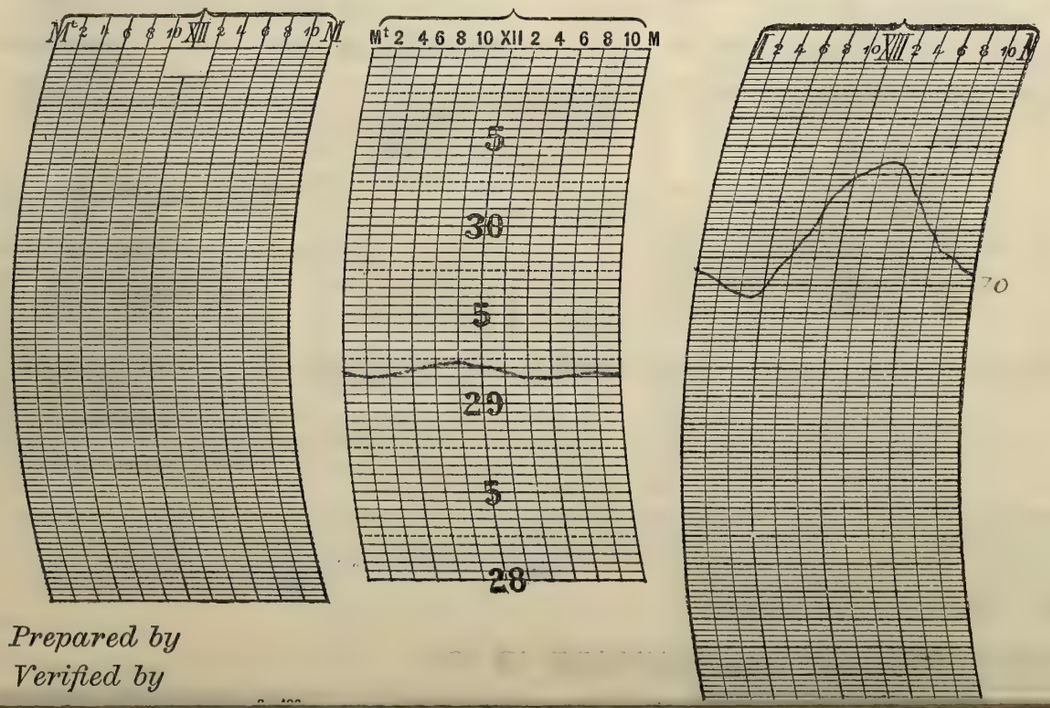
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 11 | SW | 10.45 |

Relative humidity, 70 a. m. 70 p. m.

Reduced barometer, 30.09 a. m. 30.04 p. m.

River gage, 2.3 ft.

NOTES.




*Prepared by*

*Verified by*

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 11 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 71 | 72 | 71 | 70 | 70 | 69 | 70 | 72 | 72 | 73 | 76 | 77 | 77 | 77 | 76 | 75 | 74 | 71 | 68 | 66 | 64 | 61 | 59 | 58 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | ← Cldy | → P.Cly | → Clear | | ← Cldy | → | ← P.Cldy | | | | | → Clear | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | 0 | ~~0.5~~ 0 ~~0.5~~ 0 | 0.5 0 ~~1.0~~ | 1.0 ~~0.4~~ | 0.4 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0.95 0 | | | | | | |
| Wind direction | SW | NW | N | N | N | N | N | N | N | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 5 | 6 | 7 | 6 | 3 | 2 | 4 | 7 | 10 | 9 | 10 | 12 | 13 | 14 | 14 | 14 | 11 | 9 | 8 | 6 | 9 | 8 | 7 | 7 |

Sunrise: Time, 5.17; Character, Cldy.

Sunset: Time, 5.57; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 77 | 58 | 68 | 0 |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cldy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 10.6

Possible sunshine, hours, 12.7

Percentage of possible sunshine, 83

Prevailing direction NW

Total movement, 201

Average hourly velocity, 8.3

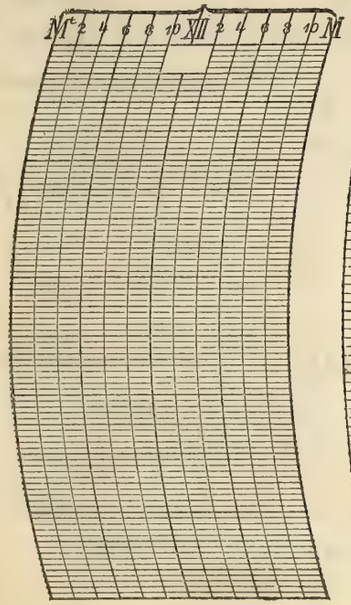
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 | NW | 2.45 P. |

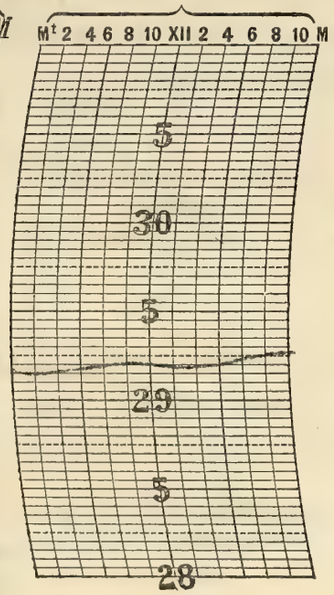
Ex 18

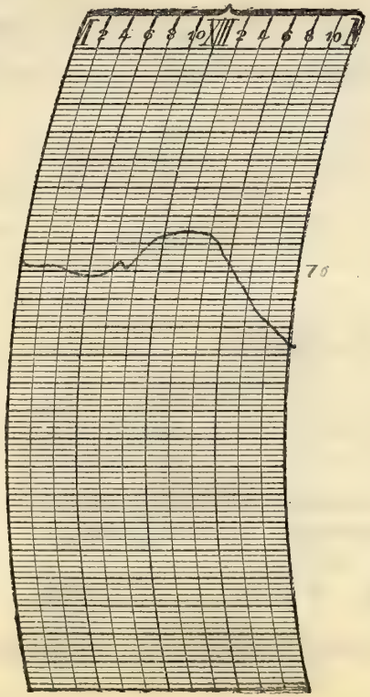
| | a. m. | p. m. |
|---|---|---|
| Relative humidity, | 84 | 59 |
| Reduced barometer, | 30.09 | 30.12 |

River gage, 2.3 ft.

NOTES.




Prepared by

Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 12 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 56 | 55 | 54 | 54 | 53 | 52 | 56 | 58 | 60 | 63 | 66 | 67 | 68 | 72 | 72 | 72 | 71 | 70 | 68 | 66 | 64 | 62 | 60 | 58 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | ← | Clear | → | | ← | Cy | → | | ← | Clear | | | | | | | | → | | |
| Sunrise: Time, 5.19; Character, Clear | | | | | | .68 | 0.4 | | | | | | | | | | 0.2 | .93 | | | | | | |
| Sunset: Time, 6.56; Character, Clear | | | | | | | | | | | | | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0 | | | | | | |
| Wind direction | NW | N | N | N | N | N | N | NE | NE | N | N | NE | N | N | N | N | N | NE | N | N | N | O | NW | N |
| Wind movement | 6 | 6 | 5 | 6 | 6 | 4 | 3 | 4 | 4 | 5 | 4 | 8 | 6 | 5 | 6 | 6 | 5 | 4 | 2 | 1 | 2 | 0 | 1 | 1 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 72 | 52 | 62 | — |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 12.6

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 100

Prevailing direction N

Total movement, 100

Average hourly velocity, 4.2

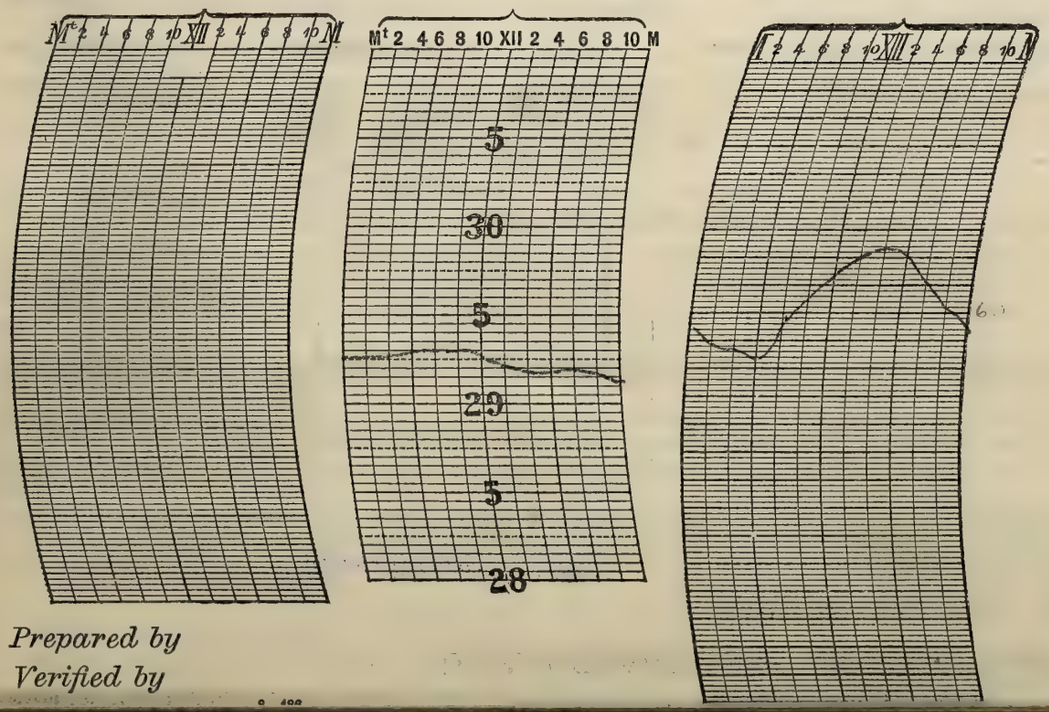
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 10 Ex. 10 | NE | 11.45 A |

Relative humidity, 76 a. m. 59 p. m.

Reduced barometer, 30.22 a. m. 30.08 p. m.

River gage, 2.3 ft

NOTES.




*Prepared by*

*Verified by*

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 13 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 55 | 56 | 56 | 56 | 55 | 54 | 58 | 61 | 65 | 69 | 70 | 74 | 78 | 75 | 77 | 76 | 76 | 74 | 72 | 71 | 70 | 69 | 68 | 66 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | ← Clear | | | | → | ← P.Cy | | → | ← Cy | | | → | ← P.Cy | | → | ← Cldy | | | → | |
| Sunrise: Time, 5.20 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 6.54 Character, Cldy. | | | |
| Sunshine (in tenths of hours) | | | | | | .67 0 | 0.8 0.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 | 0 | | | | | | |
| Wind direction | N | 0 | NE | NE | E | E | E | SE | SE | SE | S | SE | SE | SE | S | SE | SE | SE | E S | E S | 0 ~~S~~ | 0 ~~S~~ | ~~S~~ | N |
| Wind movement | 2 | 0 | 1 | 3 | 1 | 0 | 2 | 2 | 4 | 5 | 6 | 6 | 6 | 6 | 8 | 6 | 3 | 2 | 4 | 1 | 0 | 0 | 1 | 2 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 78 | 54 | 66 | — |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 10.9

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 87

Prevailing direction E

Total movement, 71

Average hourly velocity, 2.3.0

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 11 | S | 2.50 P. |

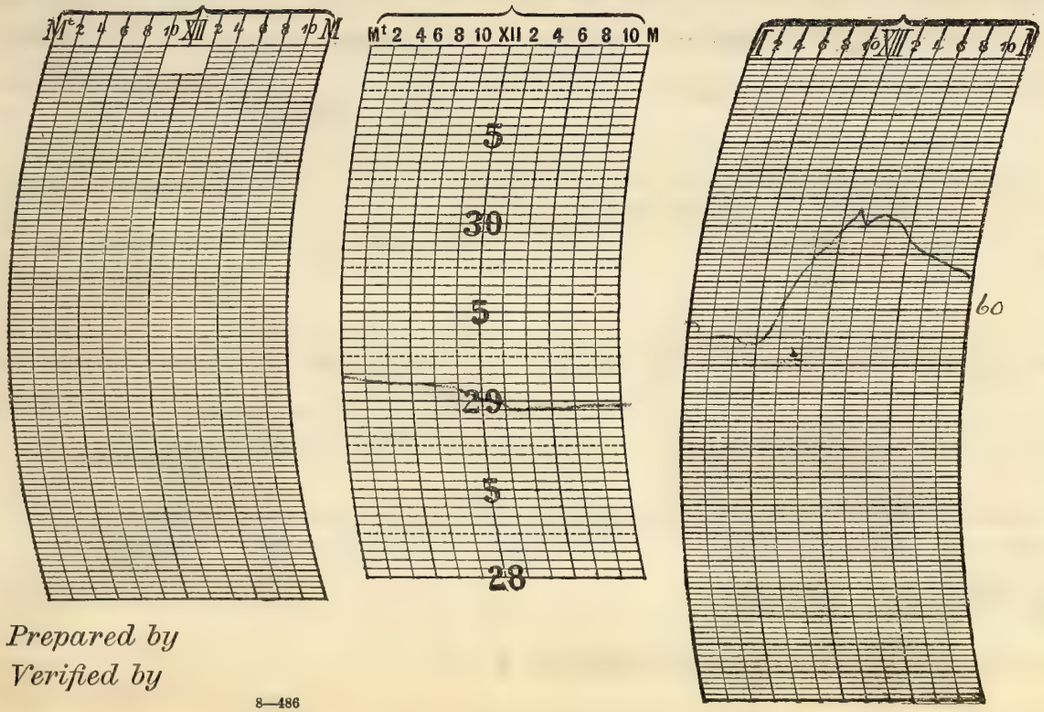
Ex. 11

Relative humidity, 79 a. m. 73 p. m.

Reduced barometer, 30.01 a. m. 29.85 p. m.

River gage, 2.2 ft.

NOTES.




*Prepared by*

*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 14 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 67 | 65 | 65 | 65 | 63 | 62 | 65 | 67 | 69 | 71 | 73 | 77 | 80 | 86 | 85 | 84 | 82 | 78 | 74 | 72 | 72 | 71 | 71 | 69 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | R. B 4.45 E 5.00 | | | | | | | | | | | | | R B 5.00 E 5.45 | | | | | | |
| Amounts of precipitation | | | | | T | | | | | | | | | | | | | T | | | | | | |
| Cloudiness and other conditions | | | | | ← | | | Cloudy | | | | | | | → | ← P. Cy. | | | → | ← Cldy | | → | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0.1 | 0.2 | 0.3 | 0.8 | 0.9 | 0.5 | 1.0 | 1.0 | 1.0 | 0.2 | 0 | 0 | | | | | | |
| Wind direction | N | NW | NW | NW | NW | NW | NW | NW | NE | NE | NE | E | SE | SE | SE | NE | NE | SE | SE | SE | SE | SE | SE | SE |
| Wind movement | 2 | 4 | 3 | 1 | 4 | 4 | 2 | 2 | 3 | 5 | 5 | 6 | 6 | 2 | 3 | 5 | 6 | 7 | 5 | 5 | 6 | 3 | 3 | 3 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 5.21 Character, Cldy

Sunset: Time, 5.52 Character, Cldy

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 86 | 62 | 74 | — |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cldy, Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 6.0

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 48

Prevailing direction SE

Total movement, 94

Average hourly velocity, 3.9

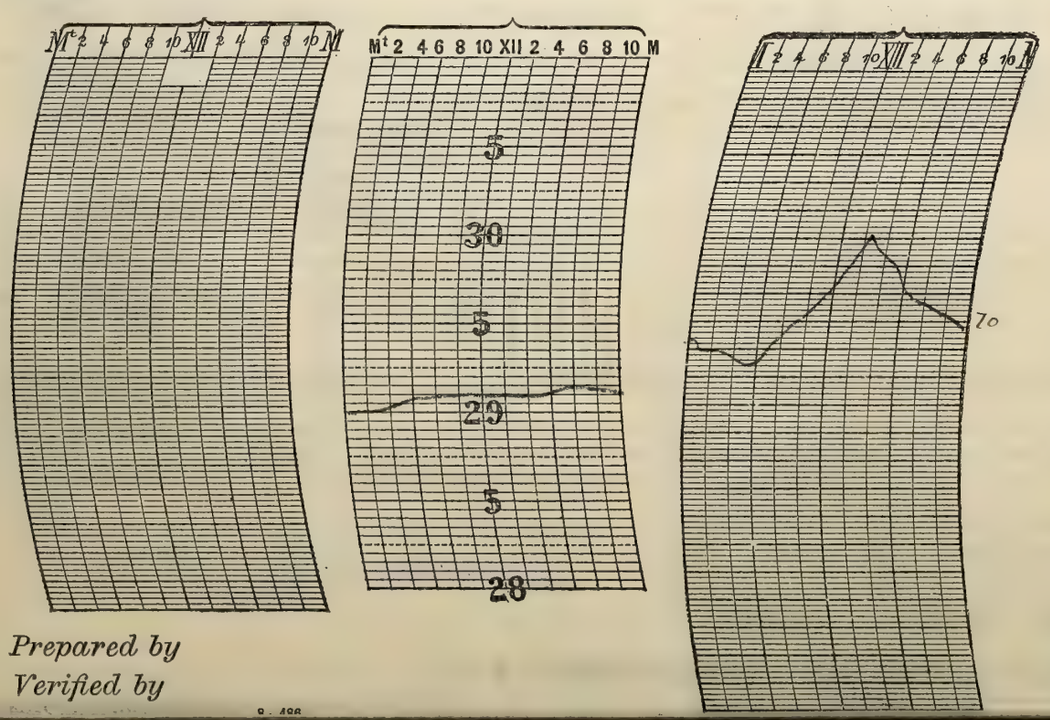
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 10 Ex. 10 | NE | 12 15 P. |

Relative humidity, 85 a. m. 82 p. m.

Reduced barometer, 29.98 a. m. 30.05 p. m.

River gage, 2.2 ft.

NOTES.




*Prepared by*

*Verified by*

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 15 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 69 | 69 | 69 | 69 | 70 | 71 | 71 | 72 | 73 | 72 | 74 | 76 | 78 | 80 | 80 | 78 | 75 | 73 | 70 | 69 | 68 | 66 | 65 | 64 |
| State of weather: Nature of precipitation and time of beginning and ending | | | DN. | | R about 4:00 | | | | | | R E 10.30 | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | .01 | .01 | .02 | .01 | .06 | .02 | T | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | ← | | | Cloudy | | | | | | ← | | Pt. cldy | | | → | cldy → | | | | |
| Sunrise: Time, 5.21 Character, Cldy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.52 Character, Cldy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0.3 | 1.0 | 1.0 | 0.9 | 0.5 | 0.2 | 0 | | | | | | |
| Wind direction | ~~E~~ 4 | ~~E~~ 6 | ~~E~~ 4 | ~~E~~ 4 | ~~E~~ 4 | ~~SE~~ 5 | SE | SE | S | NW | N | NW | N | W | NW | W | NW | NW | NW | N | N | N | N | N |
| Wind movement | 4 | 6 | 4 | 4 | 4 | 5 | 4 | 2 | 2 | 6 | 6 | 8 | 5 | 12 | 12 | 12 | 17 | 12 | 13 | 11 | 7 | 6 | 8 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 80 | 64 | 72 | — |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., .09 ins.

Total precipitation, midnight to midnight, .13 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 3.9

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 31

Prevailing direction N

Total movement, 177

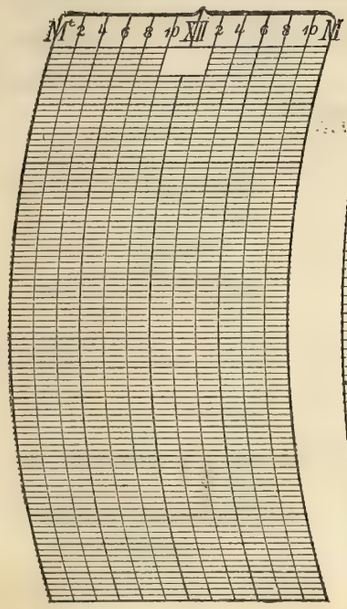
Average hourly velocity, 7.4

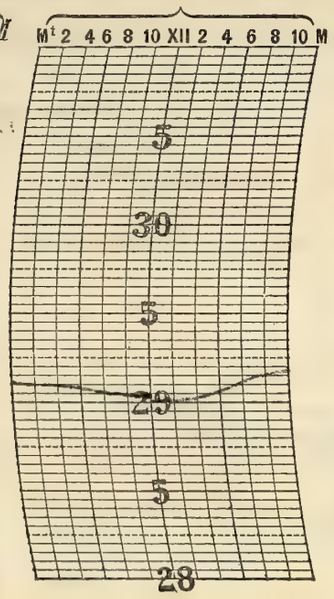
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 21 | NW | 4.35 P. |

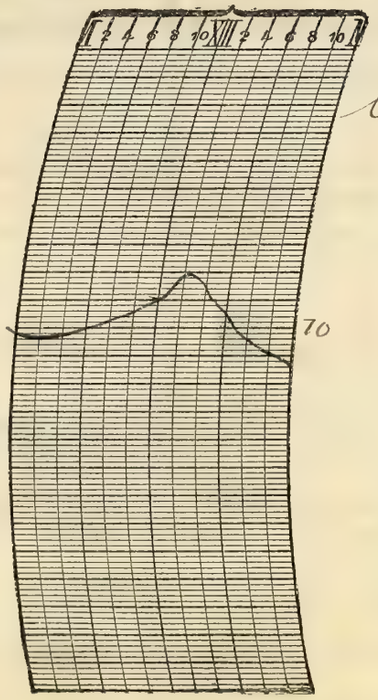
Relative humidity, 93 a. m. 77 p. m.

Reduced barometer, 29.96 a. m. 30.03 p. m.

River gage,






NOTES.

Cloudy and threatening at intervals during afternoon

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 16 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 63 | 62 | 61 | 60 | 58 | 56 | 58 | 60 | 63 | 65 | 67 | 67 | 71 | 72 | 71 | 72 | 71 | 70 | 67 | 66 | 64 | 63 | 61 | 59 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | ← P.Cy | | | | | | | | | ← Clear | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | .63 0 | 0.5 0.4 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 0.2 | .82 0 | | | | | | |
| Wind direction | N | N | N | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | SE | SE | SE | SE | SE | SE | SE |
| Wind movement | 6 | 7 | 7 | 6 | 8 | 8 | 9 | 6 | 6 | 5 | 5 | 5 | 4 | 3 | 4 | 4 | 3 | 3 | 2 | 2 | 5 | 6 | 3 | 4 |

Sunrise: Time, 5.22; Character, Clear

Sunset: Time, 5.49; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 72 | 56 | 64 | – |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cldy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 11.8

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 95

Prevailing direction NE

Total movement, 121

Average hourly velocity, 5.0

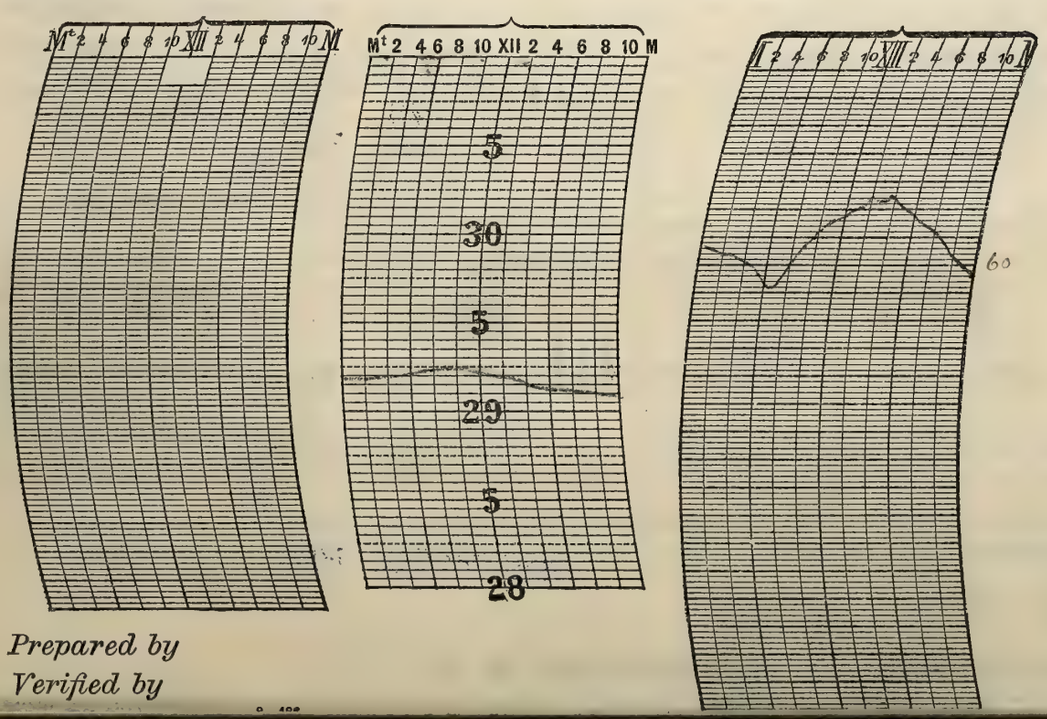
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 10 Ex. 10 | N | 7 40 A.M |

Relative humidity, 81 a. m. 58 p. m.

Reduced barometer, 30.16 a. m. 30.04 p. m.

River gage, 2.1 ft.

NOTES.




*Prepared by*

*Verified by*

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 17 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 58 | 59 | 59 | 60 | 59 | 59 | 60 | 64 | 67 | 67 | 68 | 64 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | RB 10.05 R.E 10.10 RB 10.40 | |
| Amounts of precipitation | | | | | | | | | | | T | .10 |
| Cloudiness and other conditions | | | | | | ← | | | Cloudy | | | → |
| Sunrise: Time, Character, | 5.23 Cldy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | SE | SE | SE | SE | SE | SE | S | S | S | S | S | SW |
| Wind movement | 4 | 8 | 10 | 7 | 6 | 5 | 7 | 8 | 8 | 9 | 9 | 11 |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 64 | 66 | 67 | 66 | 66 | 65 | 64 | 63 | 63 | 62 | 62 | 62 |
| State of weather: Nature of precipitation and time of beginning and ending | RE 12.30 | | ~~RB~~ ~~3.15~~ | R.B 3.15 | | | | | | R.E 9.30 | | |
| Amounts of precipitation | .05 | | ~~.03~~ | ~~.07~~ .013 | ~~.03~~ .07 | ~~.08~~ .03 | ~~.07~~ .08 | ~~.02~~ .07 | .02 | .02 | | |
| Cloudiness and other conditions | | | | | | | | | | | | |
| Sunset: Time, Character, | | | | | | | | | 5.47 Cldy | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | S | SE | SE | SE | SE | SE | S | S |
| Wind movement | 7 | 5 | 8 | 7 | 4 | 7 | 7 | 6 | 5 | 5 | 6 | 5 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 68 | 58 | 63 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .37 ins.

Total precipitation, midnight to midnight, .47 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 0

Prevailing direction SE

Total movement, 164

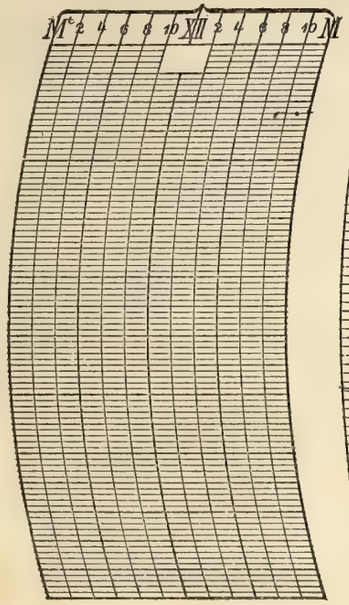
Average hourly velocity, 6.8

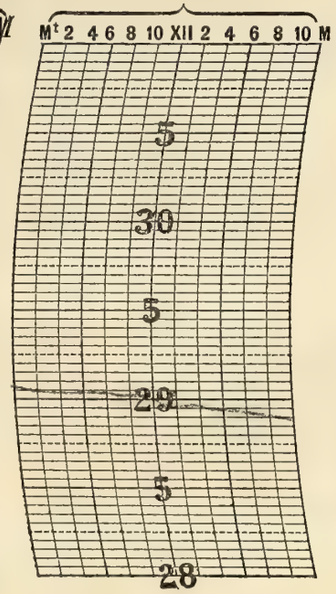
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 15 | SW | 12.10 P. |

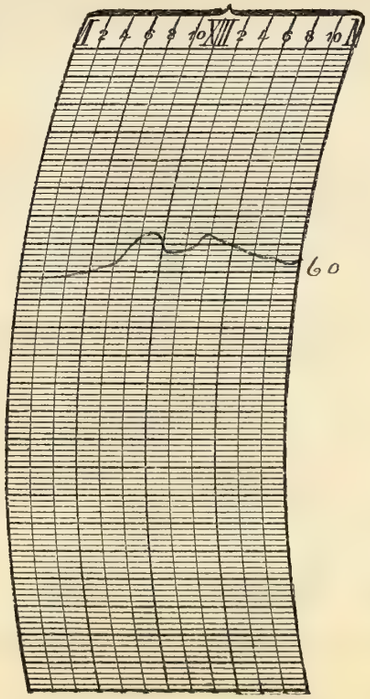
Ex. 17

| | a. m. | p. m. |
|---|---|---|
| Relative humidity, | 82 | 100 |
| Reduced barometer, | 29.95 | 29.84 |

River gage, 21 ft




NOTES.

R Some thunder about noon, one clap being quite heavy.

*Prepared by*

*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 18 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 61 | 61 | 61 | 61 | 61 | 61 | 62 | 63 | 64 | 65 | 66 | 66 | 67 | 69 | 70 | 70 | 65 | 60 | 56 | 56 | 55 | 54 | 53 | 51 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | R.B 6.15 R.E 6.20 | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | T | | | | | |
| Cloudiness and other conditions | | | | | | ← | | Cloudy | | | | | ← | | Pt. Cldy | | | | | | | | → | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0.1 | 0.1 | 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.1 | 0 | | | | | | |
| Wind direction | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 5 | 7 | 9 | 7 | 6 | 9 | 9 | 11 | 12 | 12 | 15 | 14 | 15 | 14 | 12 | 12 | 13 | 12 | 9 | 9 | 8 | 10 | 7 | 9 |

Sunrise: Time, 5.24; Character, Cldy

Sunset: Time, 5.46; Character, Cldy

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 70 | 51 | 60 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .12 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cldy Moon phase, First Q.

Average daily cloudiness (0–10) 7

Actual sunshine, hours, 6.5

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 53

Prevailing direction SW

Total movement, 246

Average hourly velocity, 10.2

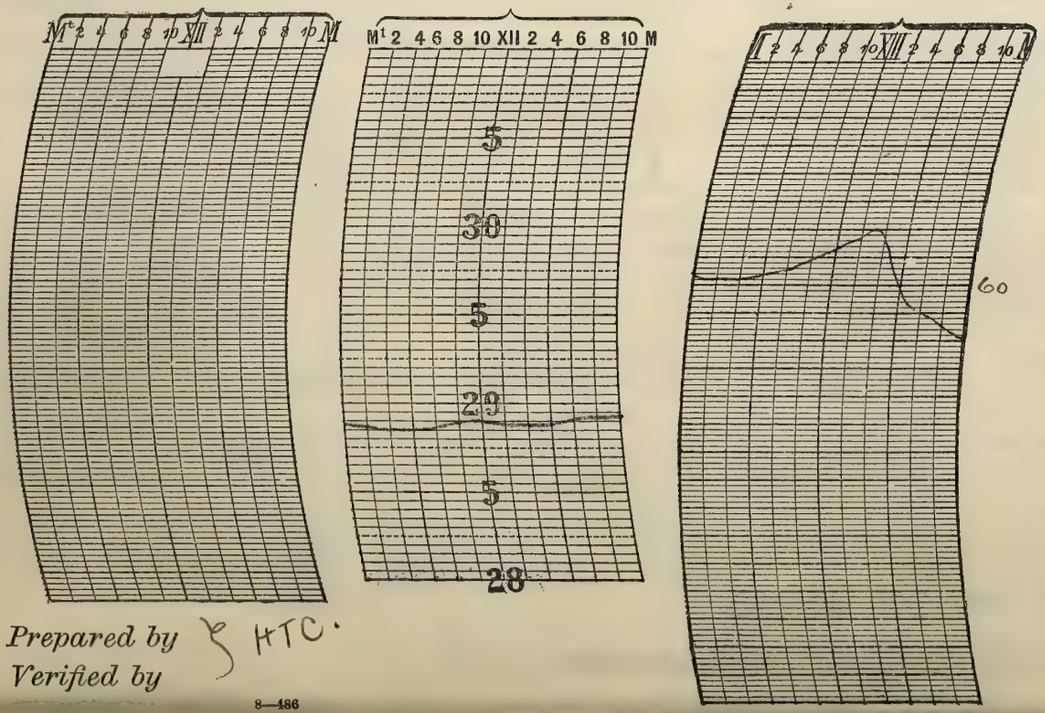
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 Ex. 21 | SW | 11.10 A. |

Relative humidity, 91 a. m. ____ p. m.

Reduced barometer, 29.76 a. m. ____ p. m.

River gage, 2.1 ft.

NOTES.




Prepared by HTC.
Verified by

8—486

FORM NO. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 19 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 51 | 50 | 49 | 50 | 51 | 52 | 53 | 55 | 56 | 57 | 56 | 58 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | RB 9.15 RE 9.25 | | RB 11.36 RE [illegible] |
| Amounts of precipitation | | | | | | | | | | T | | T |
| Cloudiness and other conditions | | | | | ← | Cloudy | | | | | | |
| Sunrise: Time, 5.26 Character, Cldy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | SW | SW | S | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 9 | 10 | 12 | 12 | 15 | 16 | 18 | 20 | 22 | 19 | 17 | 15 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 63 | 62 | 63 | 64 | 64 | 63 | 59 | 58 | 57 | 56 | 55 | 54 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Cloudy → | | | | | |
| Sunset: Time, 5.44 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0.2 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 18 | 14 | 17 | 14 | 10 | 8 | 7 | 8 | 7 | 9 | 9 | 10 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 64 | 49 | 56 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) ~~Cloudy~~ 9

Actual sunshine, hours, ~~9~~ 0.2

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 2

Prevailing direction SW

Total movement, ~~11~~ 316

Average hourly velocity, ~~9.0~~ 13.2

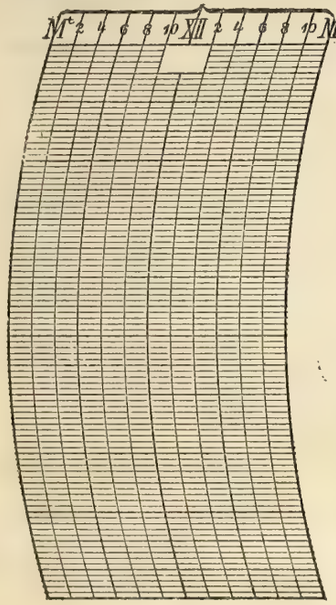
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| ~~25~~ Ex 26 | SW | 8.22 a.m. |

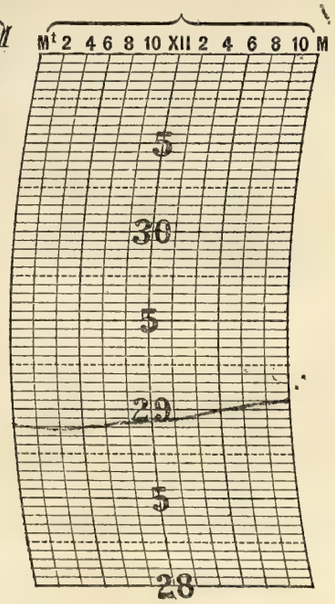
Relative humidity, 79 a. m. 68 p. m.

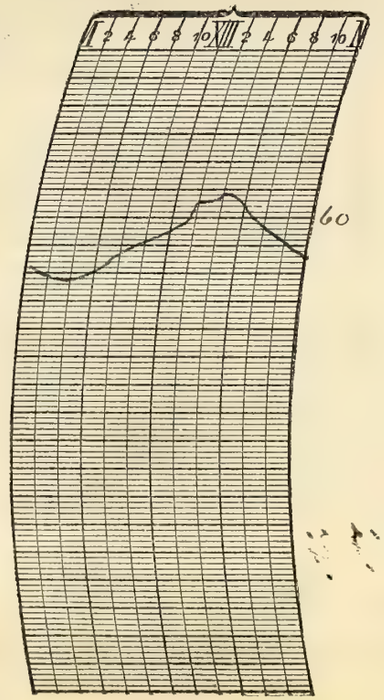
Reduced barometer, 29.81 a. m. 29.94 p. m.

River gage, 2.3 ft

NOTES.




Prepared by
Verified by } N.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 20 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 53 | 52 | 52 | 52 | 52 | 51 | 53 | 58 | 61 | 67 | 72 | 74 | 74 | 74 | 77 | 76 | 74 | 70 | 68 | 66 | 65 | 64 | 63 | 62 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — Pt Cloudy — | | | | | | | — Pt Cloudy → | | | | | | | | | | | |
| | Sunrise: Time, 5.27 Character, Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.42 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.0 | 0.7 | 0 | 0 | | | | | | |
| Wind direction | SW | SW | S | S | S | S | S | SW | SW | S | S | S | SW | S | S | S | S | S | SE | SE | SE | S | SE | SE |
| Wind movement | 9 | 9 | 9 | 9 | 10 | 9 | 9 | 13 | 13 | 13 | 13 | 13 | 12 | 11 | 12 | 13 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 77 | 51 | 64 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 7.6

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 62

Prevailing direction S

Total movement, 235

Average hourly velocity, 9.8

Maximun. velocity, 15 Direction, S Time. 3.25 PM

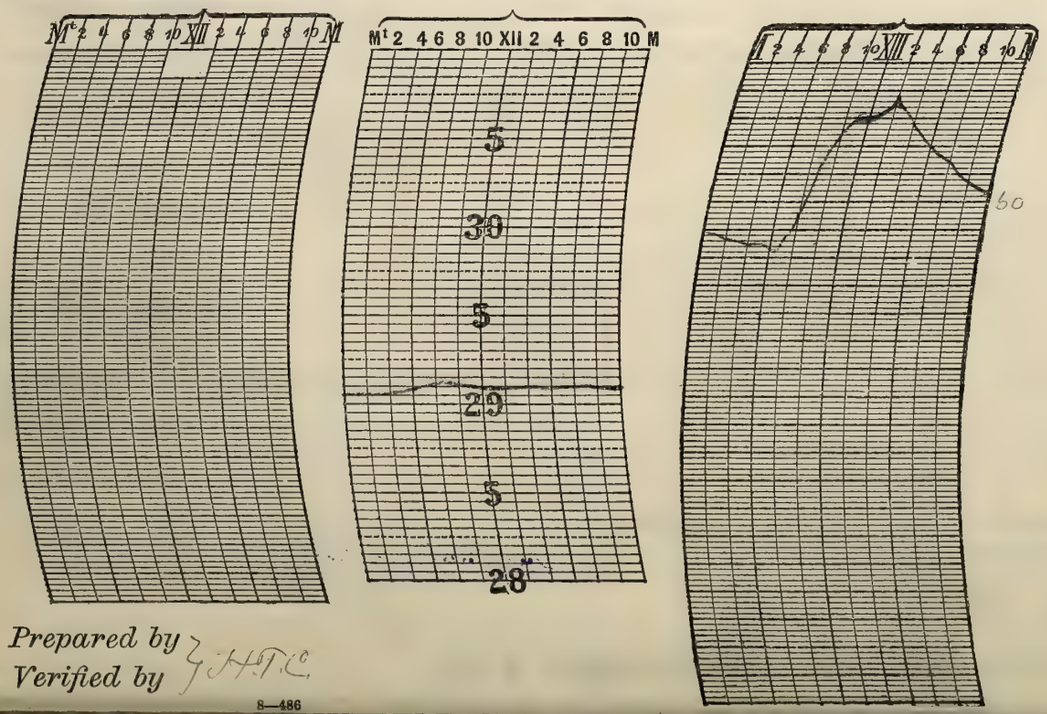
Ex 16

Relative humidity, 80 a. m. 70 p. m.

Reduced barometer, 30.05 a. m. 30.02 p. m.

River gage,

NOTES.




Prepared by
Verified by J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 21 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 59 | 58 | 57 | 57 | 58 | 58 | 63 | 68 | 71 | 75 | 77 | 81 | 80 | 79 | 77 | 75 | 71 | 69 | 68 | 67 | 67 | 66 | 63 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | RB 3.15 RE 3.40 | | | RB 6.40 | | RE 8.50 | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | .01 | | | .03 | .01 | .01 | | | |
| Cloudiness and other conditions | | | | | | | ← Cldy | | → Clear | | | | → Clear | | → Cloudy | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | 0.2 | 0 | 0 | | | | | | |
| Wind direction | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | S | S | S | S | W | W | NW | W | W | W | W |
| Wind movement | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 11 | 12 | 17 | 15 | 11 | 8 | 6 | 5 | 4 | 2 | 1 | 2 | 1 | 4 |

Sunrise: Time, 5.27 Character, Cloudy

Sunset: Time, 5.41 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 81 | 56 | 68 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, PCloudy Moon phase,

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 7.5

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 61

Prevailing direction SE

Total movement, 160

Average hourly velocity, 6.7

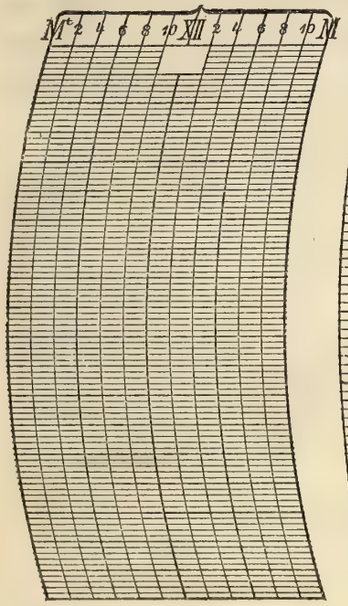
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 Ex 19 | SE | 12.55 p.m. |

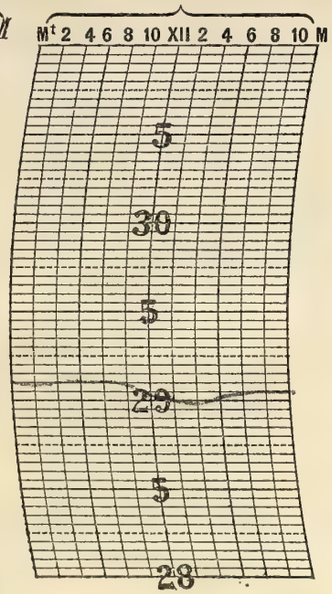
Relative humidity, 77 a. m. 77 p. m.

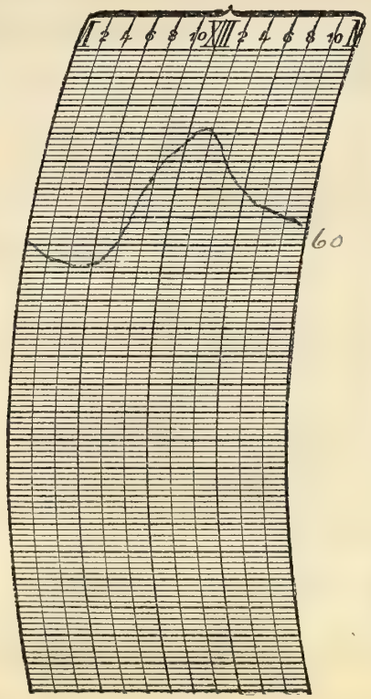
Reduced barometer, 30.01 a. m. 29 p. m.

River gage, 2.2 ft.

NOTES.






Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 22 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 63 | 63 | 62 | 61 | 59 | 55 | 51 | 51 | 52 | 53 | 54 | 54 | 60 | 61 | 62 | 63 | 62 | 60 | 58 | 56 | 55 | 53 | 52 | 52 |
| | | | | | 113 DN | | | | | | | | RE 1240 | | | | | | | | | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | .02 | .12 | .03 | .07 | .02 | .02 | .05 | .02 | .02 | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | | | | Pt Cloudy | | | | | | | | | |
| Sunrise: Time, 5.28 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.39 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.9 | 0.9 | 1.0 | 0.5 0.5 | 0.5 0 | | | | | | |
| Wind direction | W | W | NW | NW | NW | NW | NW | NW | NW | NW | SW | SW | W | W | W | W | W | W | S | S | S | S | S | S |
| Wind movement | 3 | 4 | 5 | 8 | 8 | 9 | 12 | 6 | 6 | 5 | 3 | 2 | 3 | 3 | 4 | 5 | 3 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 63 | 51 | 57 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .19 ins.; to 7 p. m., .20 ins.

Total precipitation, midnight to midnight, .37 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 4.4

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 36

Prevailing direction W, NW

Total movement, 123

Average hourly velocity, 5.1

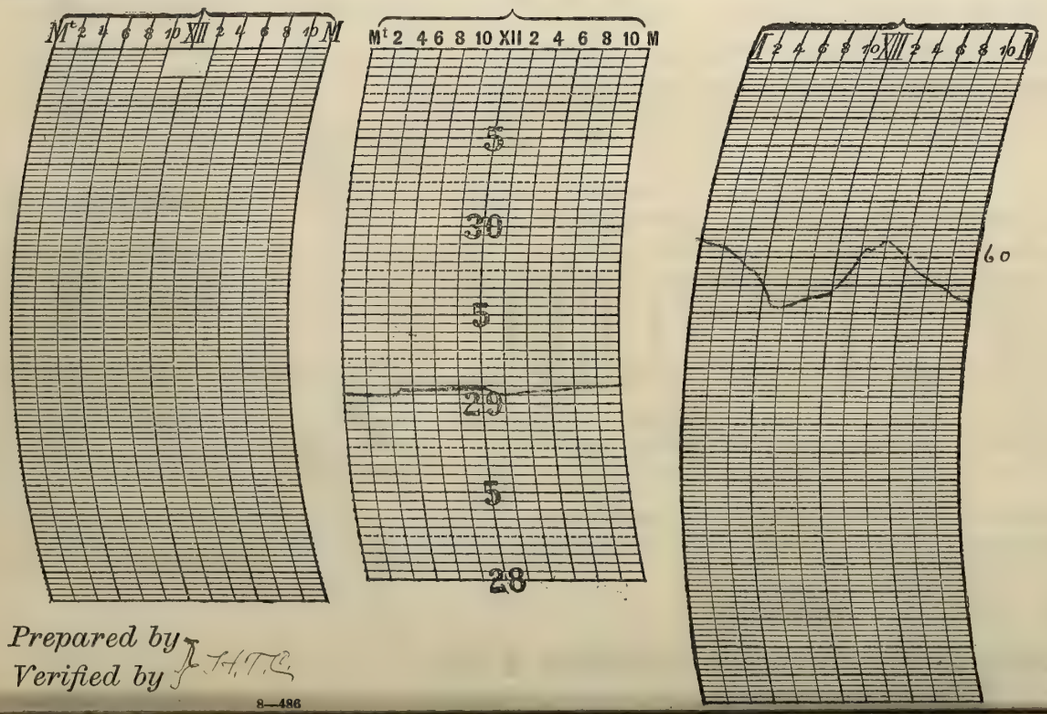
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 Ex 17 | NW | 6.18 a.m. |

Relative humidity, 100 a. m. 72 p. m.

Reduced barometer, 30.00 a. m. 30.02 p. m.

River gage, 2.3 ft.

NOTES.




Prepared by
Verified by J. H. T. C.

8—486

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 23 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 51 | 50 | 50 | 49 | 48 | 45 | 46 | 48 | 55 | 60 | 67 | 67 | 67 | 68 | 69 | 69 | 68 | 66 | 61 | 60 | 58 | 57 | 55 | 54 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | Clear | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 0.4 | .62 0 | | | | | | |
| Wind direction | S | S | S | S | S | S | O | NW | NW | NE | SE | E | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| Wind movement | 4 | 4 | 2 | 2 | 2 | 2 | 0 | 1 | 2 | 3 | 5 | 5 | 7 | 9 | 8 | 8 | 8 | 7 | 9 | 9 | 8 | 7 | 6 | 8 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 5.29; Character, Cloudy

Sunset: Time, 5.37; Character, Clear

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 69 | 45 | 57 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 9.6

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 79

Prevailing direction NE

Total movement, 126

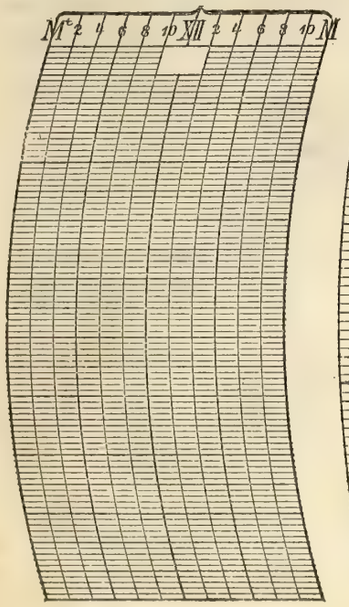
Average hourly velocity, 5.2

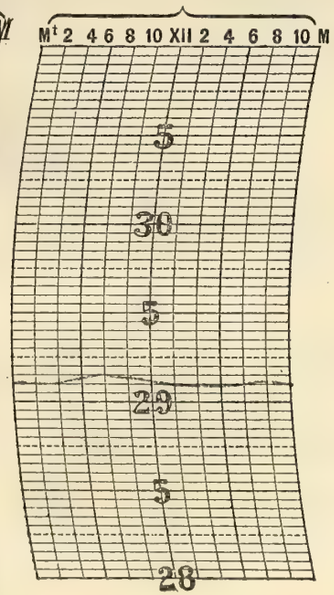
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 | NE | 2.35 p.m. |
| 613. | | |

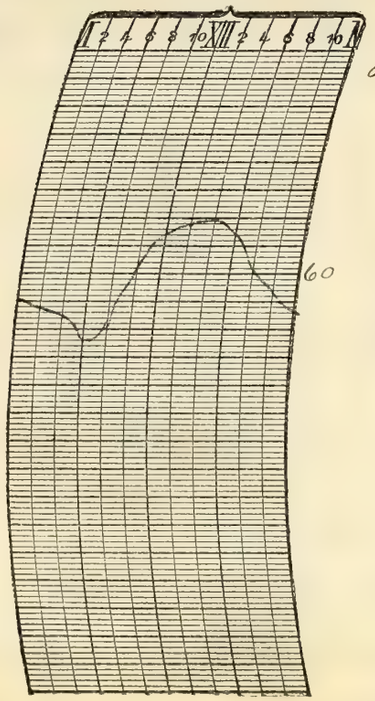
Relative humidity, 98 a. m. 79 p. m.

Reduced barometer, 30.07 a. m. 30.03 p. m.

River gage, 2.4 ft.




NOTES.

Dense fog {BD Na. E7.00 a.m.

Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 24 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 54 | 53 | 53 | 54 | 55 | 56 | 57 | 57 | 58 | 59 | 60 | 62 | 62 | 64 | 67 | 65 | 64 | 63 | 62 | 62 | 61 | 60 | 60 | 58 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | RB 12.02 RE 12.50 | | | | RB 4.10 RE 4.45 | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | .02 | | | | T | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | | Cloudy | | | | | | | | | |
| Sunrise: Time, 5.30 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.36 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0.6 | 0 | 0 | 0 | | | | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | E | E | SE | S | S | S | S | S | S | SE | SE | SE | SE | SE | SE | SE |
| Wind movement | 7 | 5 | 4 | 5 | 6 | 4 | 6 | 7 | 6 | 4 | 3 | 3 | 3 | 3 | 3 | 7 | 6 | 3 | 5 | 5 | 7 | 5 | 4 | 4 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 67 | 53 | 60 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 0.7

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 6

Prevailing direction SE, NE

Total movement, 115

Average hourly velocity, 4.8

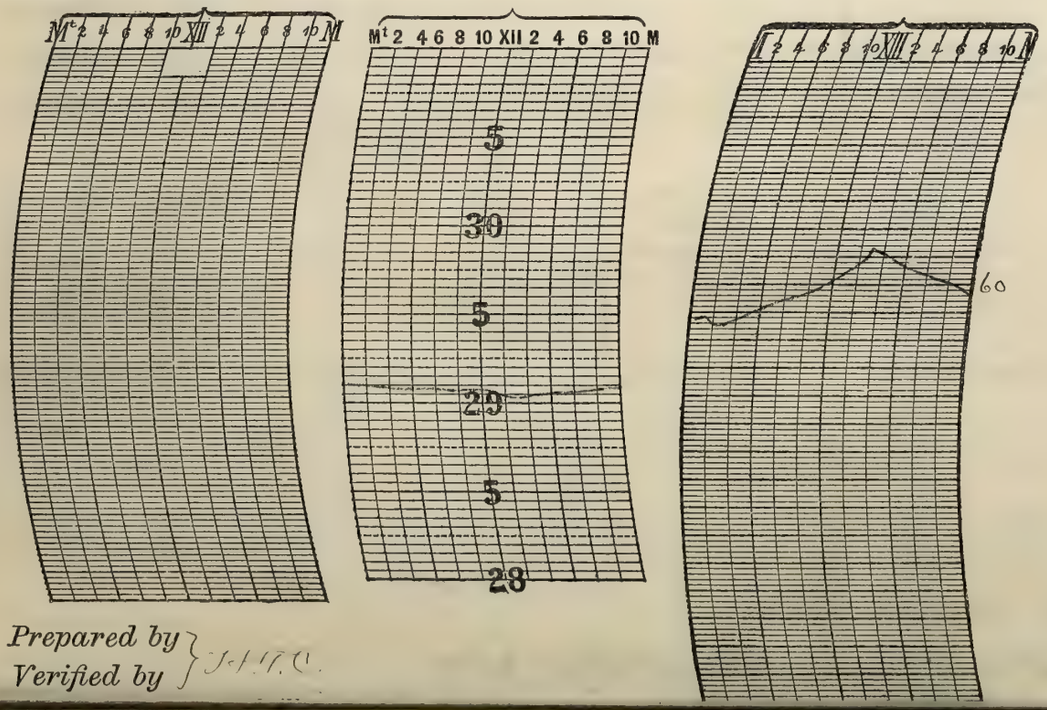
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 8 | NE | 12.10 a.m. |
| Ex 8 | | |

Relative humidity, 97 a. m. 89 p. m.

Reduced barometer, 29.99 a. m. 29.96 p. m.

River gage, 27 ft.

NOTES.




Prepared by
Verified by } J.H.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 25 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 57 | 57 | 55 | 57 | 58 | 59 | 63 | 66 | 70 | 74 | 76 | 77 | 79 | 77 | 74 | 74 | 72 | 69 | 67 | 66 | 65 | 55 ~~65~~ | 52 ~~62~~ | 50 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | RB 9.30 | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | .03 | .11 | .10 |
| Cloudiness and other conditions | | | | | | | Pt Cloudy | | | | | | | Pt Cloudy | | | | | | | | | | |
| Sunrise: Time, 5.31 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.34 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0.4 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | SE | SE | SE | SE | SE | SE | SE | S | S | S | S | S | S | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W |
| Wind movement | 2 | 2 | 5 | 8 | 8 | 8 | 10 | 11 | 12 | 14 | 16 | 17 | 20 | 21 | 17 | 20 | 17 | 13 | 12 | 13 | 13 | 13 | 14 | 12 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 79 | 50 | 64 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .24 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 5.4

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 45

Prevailing direction SW

Total movement, 298

Average hourly velocity, 12.4

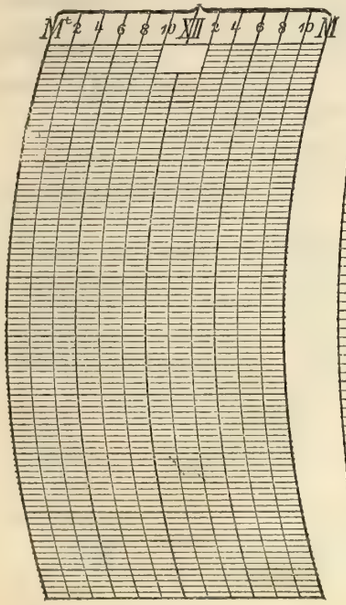
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 26 Ex 28 | SW | 3.25 p.m. |

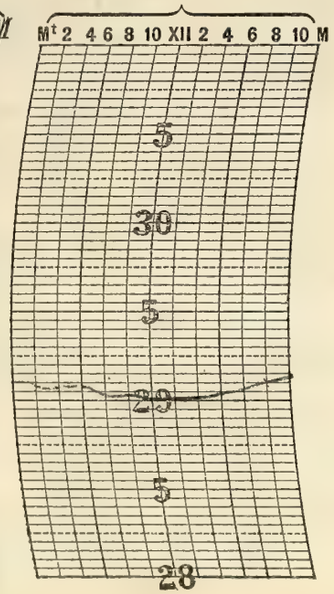
Relative humidity, 84 a. m. 80 p. m.

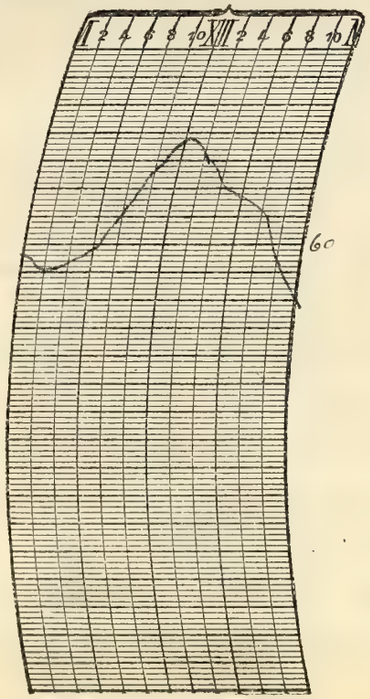
Reduced barometer, 29.96 a. m. 29.95 p. m.

River gage, 2.8 ft

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 26 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 48 | 47 | 45 | 44 | 44 | 43 | 43 | 44 | 45 | 48 | 50 | 52 | 53 | 55 | 55 | 54 | 52 | 50 | 49 | 46 | 45 | 44 | 42 | 41 |
| State of weather: Nature of precipitation and time of beginning and ending | | RE DN | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | .02 | .02 | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | Clear | | | | | | | | | | | | | |
| Sunrise: Time, 5.32 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.32 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | .47 0 | 1.0 0 | 0.1 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 0.3 | .53 0 | | | | | | |
| Wind direction | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W |
| Wind movement | 11 | 9 | 10 | 10 | 10 | 10 | 10 | 14 | 15 | 15 | 17 | 15 | 16 | 15 | 15 | 14 | 11 | 6 | 5 | 6 | 5 | 3 | 4 | 5 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 55 | 41 | 48 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .28 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Clear Moon phase, Full M.

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 12.0

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 1.00

Prevailing direction W

Total movement, 251

Average hourly velocity, 10.5

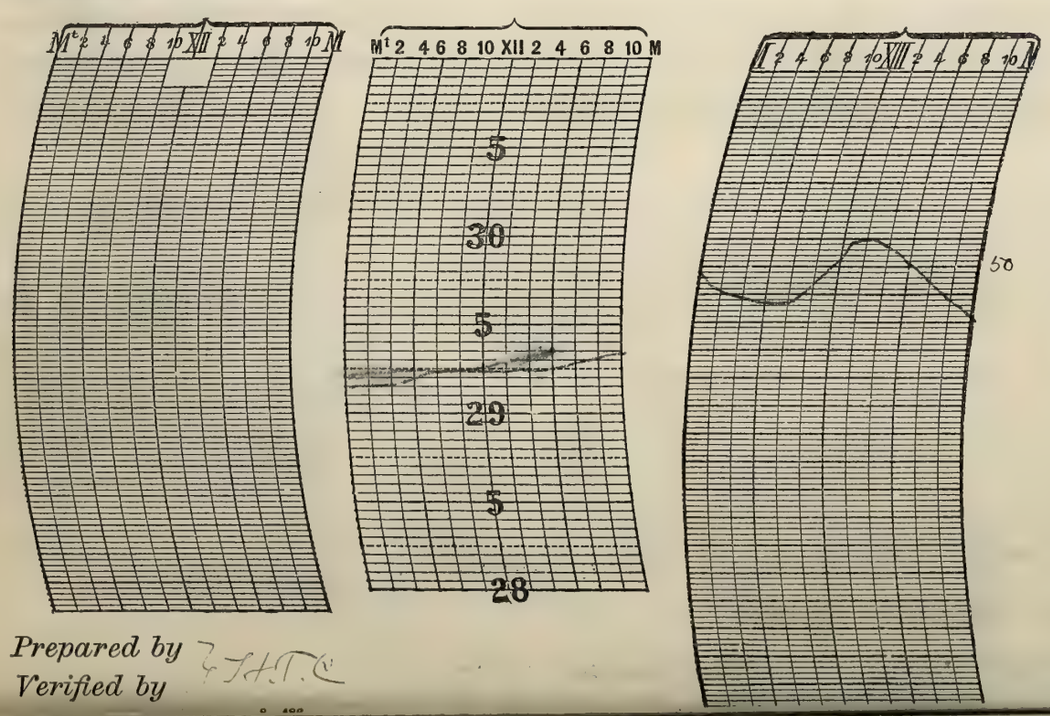
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 | W | 9.30 a.m. |

Relative humidity, 81 a. m. 61 p. m.

Reduced barometer, 30.13 a. m. 30.13 p. m.

River gage, 2.8 ft.

NOTES.




Prepared by
Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 27 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
| Temperature at end of hour | 40 | 39 | 39 | 37 | 37 | 39 | 42 | 49 | 54 | 57 | 59 | 60 | 62 | 61 | 60 | 61 | 60 | 58 | 57 | 54 | 53 | 52 | 51 | 49 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | Clear | | | | | Cloudy | | | | | | | |
| Sunrise: Time, 5.33 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.30 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0.6 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.6 | 0 | 0 | | | | | | |
| Wind direction | W | W | W | W | W | W | W | W | W | SE | SE | S | SW | SW | SW | S | S | S | SE | SE | S | S | S | S |
| Wind movement | 4 | 5 | 4 | 4 | 5 | 4 | 3 | 3 | 4 | 5 | 7 | 7 | 8 | 8 | 6 | 7 | 5 | 5 | 5 | 7 | 6 | 7 | 6 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

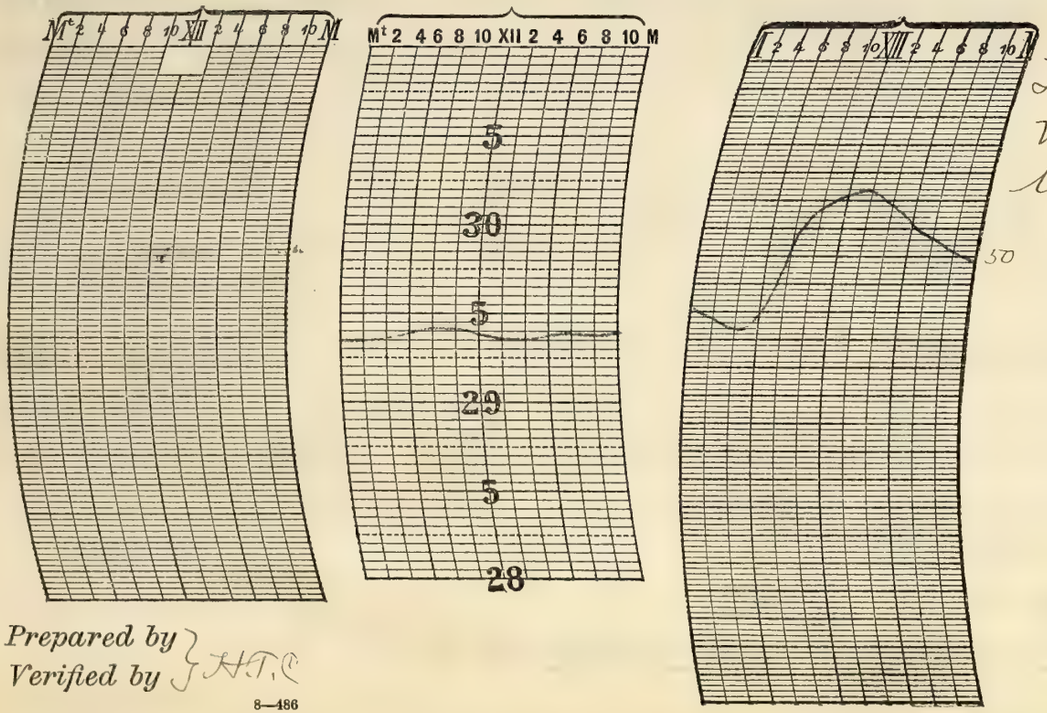
1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 62 | 37 | 50 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 9.8
Possible sunshine, hours, 12.0
Percentage of possible sunshine, 82
Prevailing direction W
Total movement, 130
Average hourly velocity, 5.4

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 13 Ex 13 | SW | 1.10 p.m |

Relative humidity, 77 a. m. 61 p. m.
Reduced barometer, 30.32 a. m. 30.30 p. m.
River gage, 2 ft




NOTES.

Light frost occurred during the early morning. It is the first frost of the autumn.

Prepared by
Verified by } H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 28 1912, 191

Time (local standard) 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 48 | 49 | 48 | 49 | 49 | 49 | 50 | 53 | 55 | 55 | 58 | 62 | 64 63 | 63 | 60 | 59 | 57 | 54 | 53 | 48 | 48 | 48 | 48 | 47 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | x | | Pt Cloudy | | | | | | | | | | |
| Sunrise: Time, 5.35 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.29 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0.2 | 1.0 | 0.9 | 0.2 | 0.1 | 0 | 0 | 0 | | | | | | |
| Wind direction | S | S | S | SW | SW | SW | SW | SE | SE | SE | SE | SE | NE | NE | NE | N | NE | N | N | N | NE | NE | NE | N |
| Wind movement | 7 | 4 | 5 | 4 | 3 | 1 | 1 | 2 | 3 | 4 | 4 | 3 | 3 | 6 | 8 | 9 | 7 | 10 | 13 | 15 | 14 | 10 | 10 | 6 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 64 | 47 | 55.6 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 7.8

Actual sunshine, hours, 2.4

Possible sunshine, hours, 11.9

Percentage of possible sunshine, 20

Prevailing direction NE

Total movement, 154

Average hourly velocity, 6.4

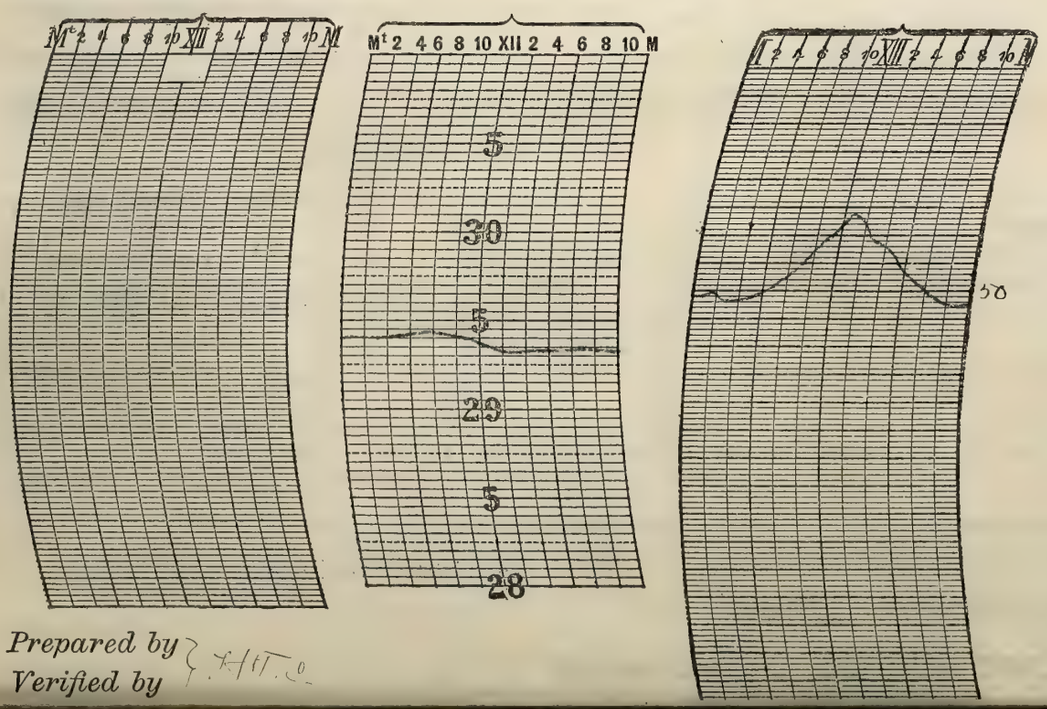
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 18 Ex 18 | N | 8.02 p.m. |

Relative humidity, 77 a. m. 82 p. m.

Reduced barometer, 30.35 a. m. 30.26 p. m.

River gage, 2.7 ft

NOTES.




Prepared by
Verified by } H.H.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 29 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 47 | 47 | 47 | 46 | 45 | 43 | 43 | 44 | 45 | 47 | 50 | 52 | 54 | 55 | 56 | 55 | 54 | 52 | 49 | 47 | 45 | 44 | 43 | 42 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Partly Cloudy → | | | | | Clear | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 0.4 | .45 0 | | | | | | |
| Wind direction | N | N | N | NW | NW | N | N | N | N | N | N | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 7 | 5 | 7 | 9 | 12 | 9 | 11 | 8 | 11 | [illegible] | 9 | 8 | 11 | 11 | 11 | 10 | 10 | 6 | 4 | 7 | 6 | 4 | 4 | 3 |

Sunrise: Time, 5.36; Character, Cloudy

Sunset: Time, 5.27; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 56 | 42 | 49 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 8.7 8.8

Possible sunshine, hours, 11.8

Percentage of possible sunshine, ~~74~~ 75

Prevailing direction NW

Total movement, 193

Average hourly velocity, 8.0

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 15 Ex 16. | NE | 9.10 a.m |

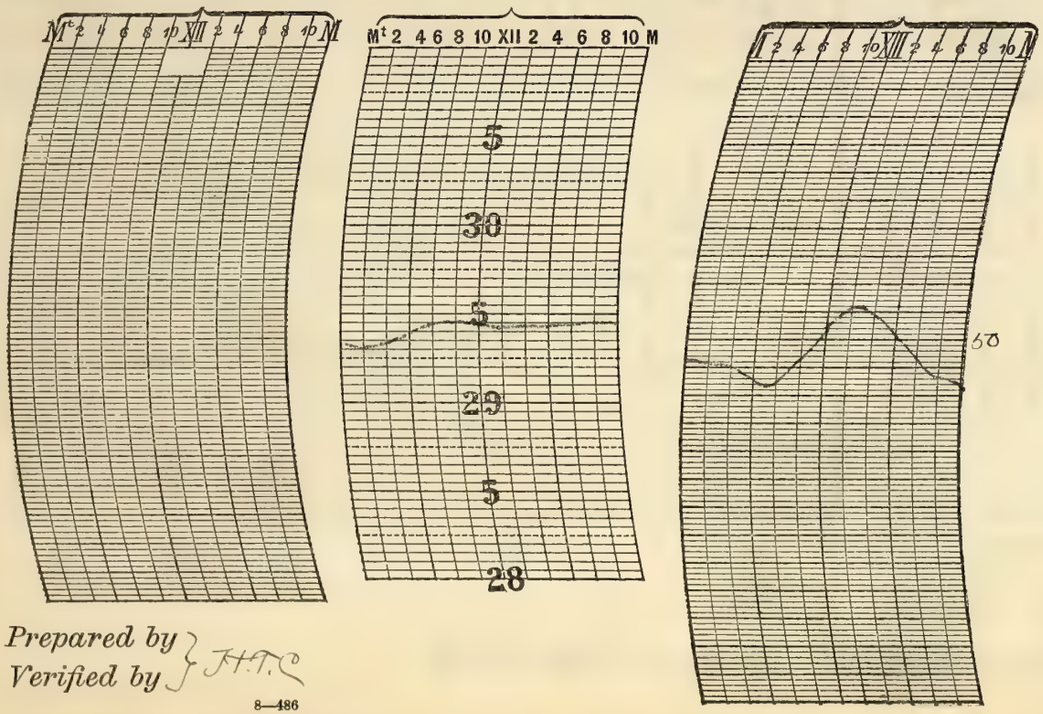
Relative humidity, 85 a. m. 61 p. m.

Reduced barometer, 30.36 a. m. 30.2[illegible] p. m.

River gage, 2.7 ft

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

NOTES.




Prepared by
Verified by } F.H.T.C

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 30 1912, 191

Time (local standard) 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 39 | 38 | 37 | 37 | 35 | 35 | 37 | 40 | 47 | 53 | 55 | 56 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | |
| Sunrise: Time, Character | 5.37 Clear | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 38 0 | 1.0 0 | 0.4 0.6 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | NW | W | W | SW | SW | SW | SW | SW | SW | W | W | SW |
| Wind movement | 3 | 4 | 5 | 6 | 6 | 7 | 8 | 8 | 10 | 11 | 14 | 14 |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 58 | 59 60 | 59 | 59 | 58 | 55 | 51 | 49 | 46 | 45 | 44 | 43 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | Clear | | | | | | | | | | |
| Sunset: Time, Character | | | | | | | | | 5.25 Clear | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 0.2 | 1.2 ~~3.8~~ 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW + | SW + | SW | SW | SW | SW |
| Wind movement | 15 | 15 | 15 | 17 | 12 | 9 | 8 + | 10 + | 9 | 10 | 10 | 11 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 60 | 35 | 48 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 11.8

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 237

Average hourly velocity, 9.9

Maximum velocity, 31 Direction, SW Time. 4.00 p.m.

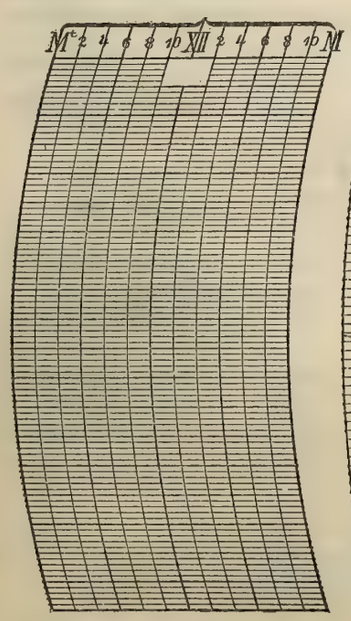
Ex. 21

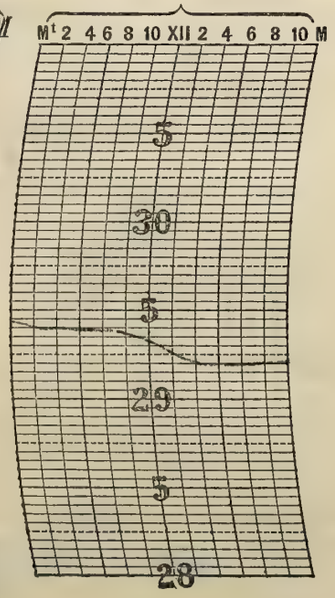
Relative humidity, 91 a. m. 60 p. m.

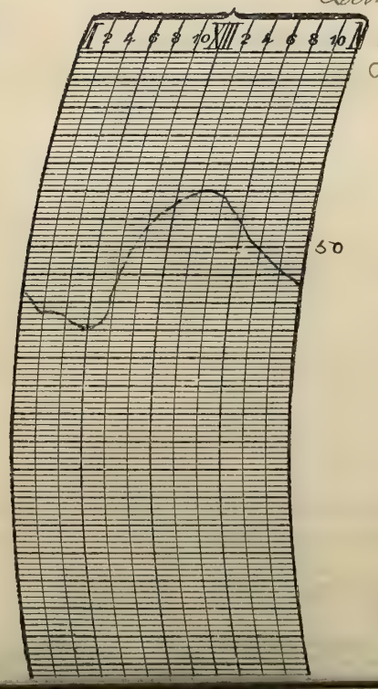
Reduced barometer, 30.34 a. m. 30.12 p. m.

River gage, 2.6 ft.

+ Estimated






NOTES.

Light frost occurred during the early morning

Prepared by
Verified by } J.H.T.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 1 1912, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 42 | 41 | 40 | 39 | 38 | 38 | 40 | 44 | 50 | 55 | 60 | 63 | 63 | 66 | 66 | 64 | 62 | 60 | 58 | 57 | 55 | 53 | 51 | 50 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, 5.39 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.22 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | .37 0 | 1.0 0 | 0.3 .47 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 0.2 | .38 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | NW | W | NW | NW | NW | W | W | W | O | W | W | SW | SW |
| Wind movement | 10 | 9 | 10 | 9 | 8 | 9 | 8 | 7 | 7 | 5 | 5 | 7 | 8 | 6 | 5 | 5 | 3 | 2 | 1 | 0 | 1 | 2 | 3 | 3 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 66 | 38 | 52 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 11.7

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 133

Average hourly velocity, 5.6

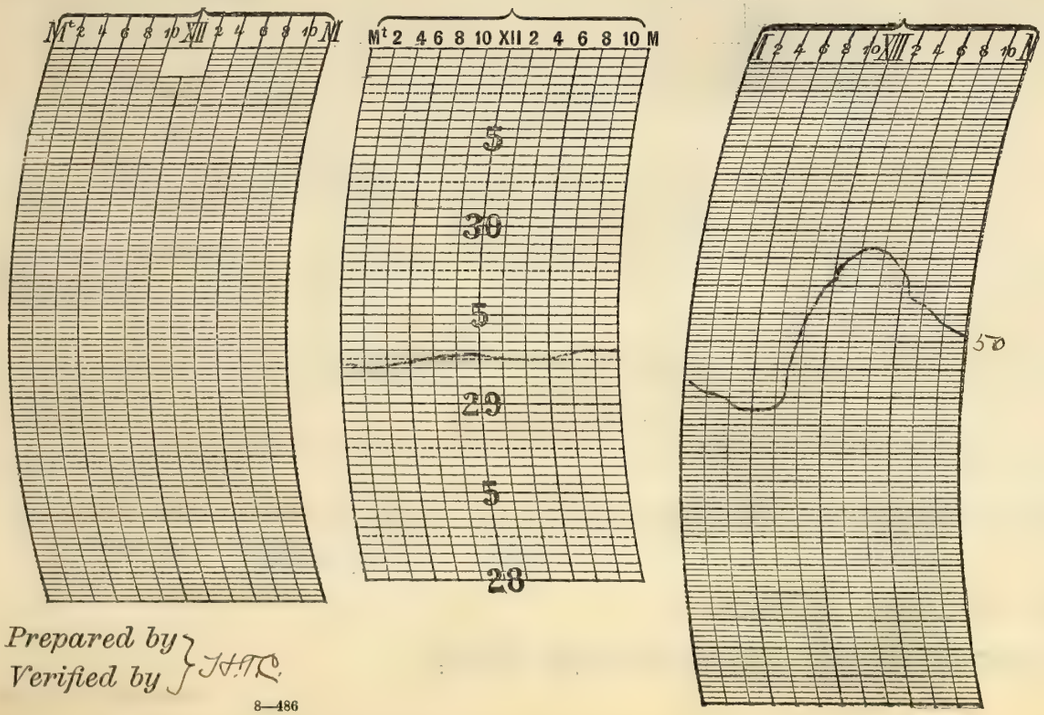
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 Ex 12 | SW | 12.05 a.m |

Relative humidity, 84 a. m. 69 p. m.

Reduced barometer, 30.16 a. m. 30.20 p. m.

River gage, 2.6 ft.

NOTES.




Prepared by
Verified by } J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 2 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 48 | 48 | 47 | 46 | 45 | 42 | 44 | 48 | 53 | 62 | 64 | 66 | 68 | 70 | 70 | 68 | 66 | 64 | 61 | 59 | 57 | 55 | 53 | 51 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | | Clear | — | | | — | | Clear | | — | | | | | | | |
| Sunrise: Time, 5.39 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.22. Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | 0.35 0 | 1.0 0 | 0.6 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 0.2 | .37 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | S | S | S | S | S | S | S | SW |
| Wind movement | 4 | 4 | 6 | 7 | 7 | 7 | 5 | 7 | 9 | 9 | 12 | 12 | 10 | 11 | 10 | 10 | 8 | 8 | 8 | 9 | 8 | 8 | 7 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time 7 | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 70 | 42 | 56 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 11.7

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 193

Average hourly velocity, 8.0

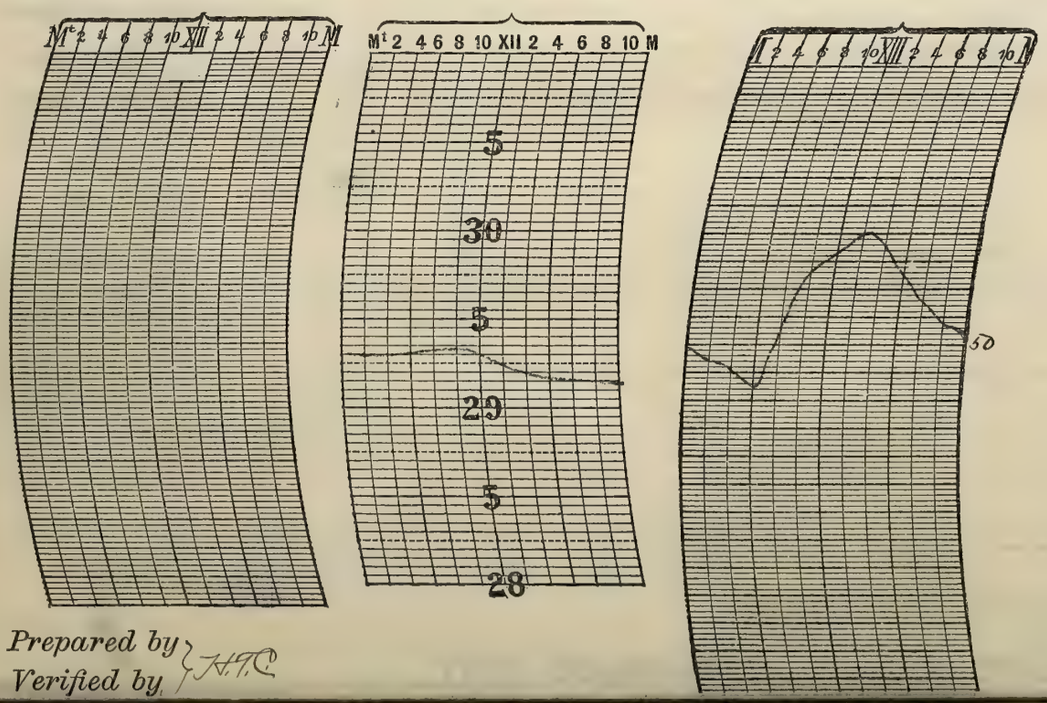
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 15 Ex 16 | SW | 11.05 a.m. |

Relative humidity, 85 a. m. 50 p. m.

Reduced barometer, 30.26 a. m. 30.09 p. m.

River gage, 2.5 ft.

NOTES.




Prepared by
Verified by } H.T.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 3 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 51 | 50 | 49 | 48 | 47 | 47 | 50 | 53 | 55 | 60 | 64 | 67 | 67 | 62 | 62 | 64 | 64 | 63 | 62 | 60 | 58 | 57 | 55 | 53 |
| | | | | | | | | | | | | | | NB 1.50 | RE 2.20 | | | | | | | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | T | T | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | Cloudy | | | | | | | | | | |
| Sunrise: Time, 5.40; Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.20; Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0.6 | 0.2 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | S | S | S | S | S | S | S | S | SW | S | SW | SW | SW | SW | SW | S | S | S | S | S | SW | SW | SW | SW |
| Wind movement | 8 | 7 | 7 | 9 | 8 | 10 | 9 | 9 | 10 | 12 | 13 | 16 | 15 | 15 | 10 | 11 | 10 | 8 | 9 | 8 | 8 | 6 | 8 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

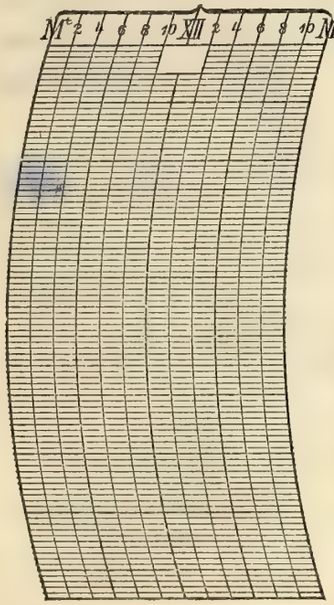
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 67 | 47 | 57 | |

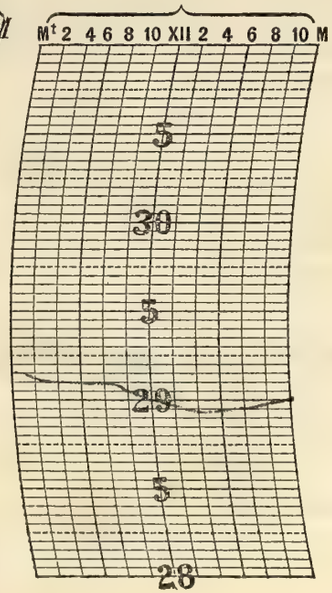
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, Last Q.
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 0.8
Possible sunshine, hours, 11.7
Percentage of possible sunshine, 7
Prevailing direction S
Total movement, 235
Average hourly velocity, 9.8

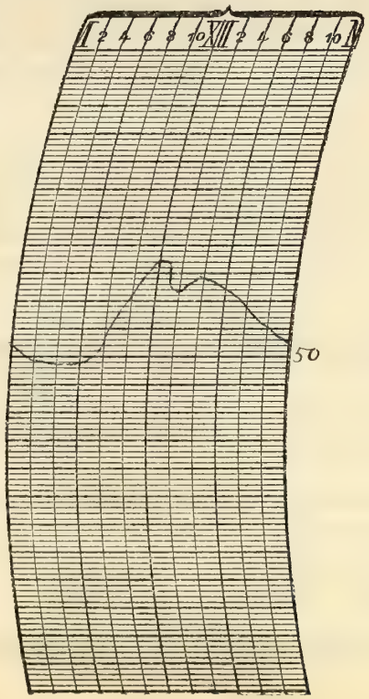
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 | SW | 11.50 a.m. |
| SW 22 | | |

Relative humidity, 71 a. m. 68 p. m.
Reduced barometer, 29.99 a. m. 29.85 p. m.
River gage, 2.5 ft.

NOTES.




Prepared by
Verified by } N.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 4 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 52 | 51 | 50 | 47 | 46 | 46 | 47 | 52 | 60 | 68 | 72 | 74 | 75 | 76 | 76 | 74 | 72 | 70 | 68 | 65 | 63 | 60 | 57 | 56 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | | Clear | | | | | | | | | |
| Sunrise: Time, 5.41 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.19 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | ~~.5~~ 0 | ~~1.0~~ 0 | ~~.4~~ 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 0.4 | 3.2 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 9 | 8 | 8 | 6 | 7 | 5 | 5 | 4 | 4 | 4 | 6 | 6 | 7 | 5 | 6 | 5 | 4 | 4 | 1 | 2 | 2 | 2 | 3 | 1 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 76 | 46 | 61 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 9.9

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 85

Prevailing direction SW

Total movement, 114

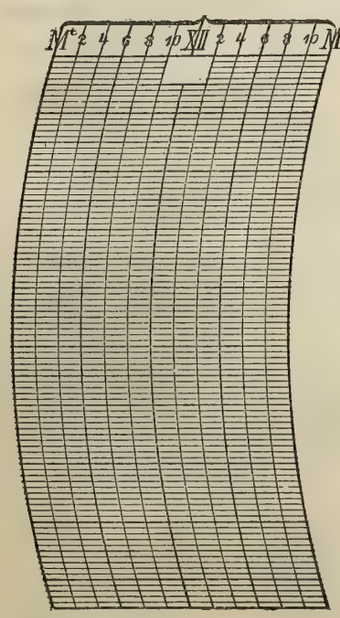
Average hourly velocity, 4.8

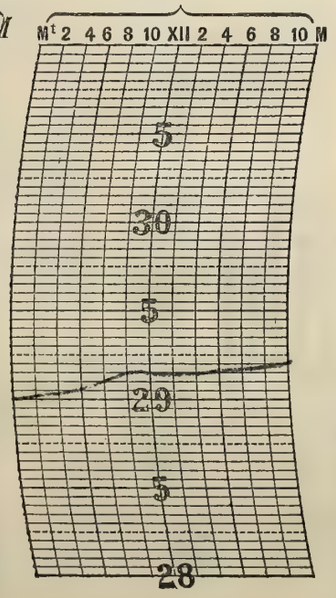
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 10 Ex 10 | SW | 12.15 a.m. |

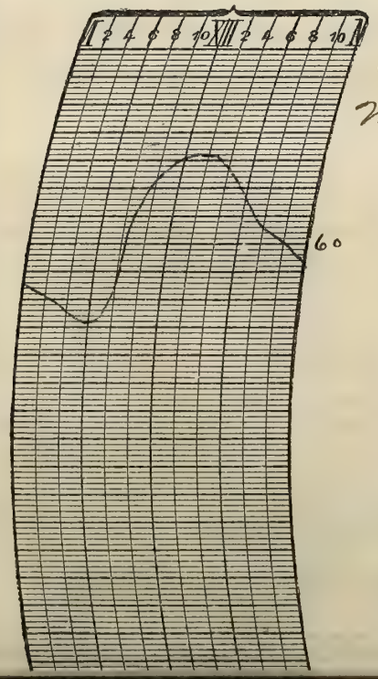
Relative humidity, 93 a. m. 48 p. m.

Reduced barometer, 30.01 a. m. 30.10 p. m.

River gage, 2.5 ft.






NOTES.

Light fog prevailed during the early morning and lifted at 7.15 a.m.

Prepared by
Verified by

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# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 5 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 56 | 55 | 51 | 50 | 47 | 49 | 51 | 58 | 65 | 73 | 76 | 77 | 79 | 80 | 81 | 79 | 77 | 72 | 71 | 67 | 66 | 65 | 63 | 62 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | Clear | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | .30 0 | 1.0 0 | .04 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 0.1 | .28 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | E | E | E | S | S | SW | SW | SW | SW | SW | SW | S | SE | SE | SE | SE | SE | S |
| Wind movement | 3 | 3 | 2 | 2 | 3 | 5 | 5 | 3 | 1 | 3 | 3 | 6 | 6 | 6 | 4 | 5 | 4 | 6 | 5 | 2 | 4 | 4 | 5 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 5.42; Character, Clear

Sunset: Time, 5.17; Character, Clear

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 81 | 47 | 64 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 11.6

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 1.00

Prevailing direction SW

Total movement, 96

Average hourly velocity, 4.0

Maximum velocity, 8 Direction, SW Time. 1.10 p.m.

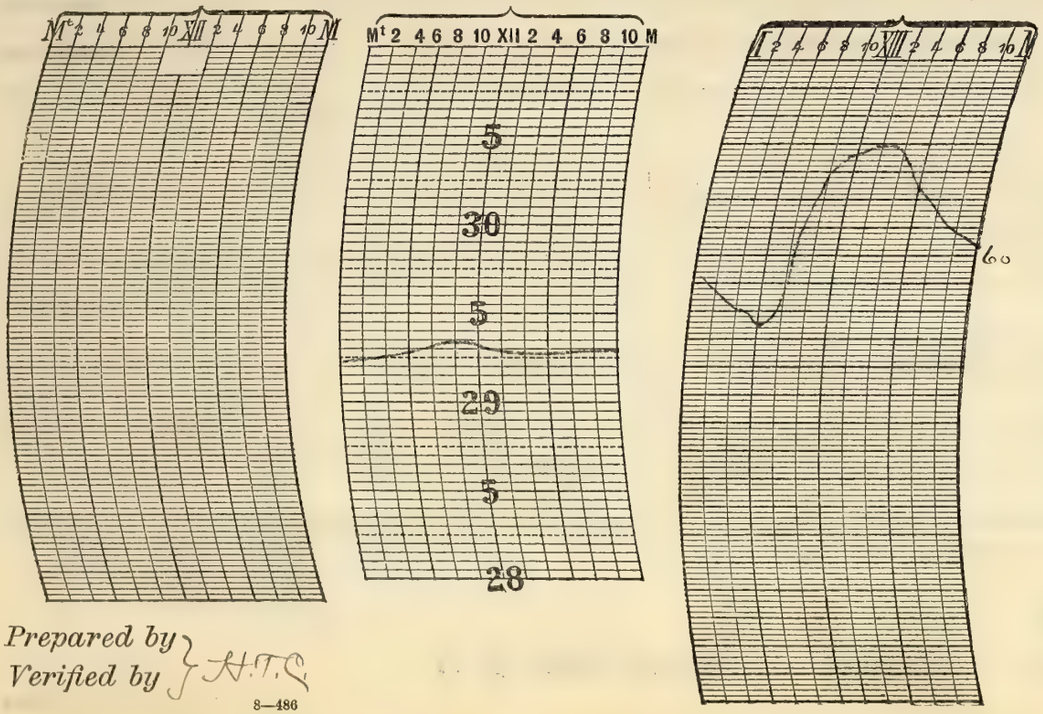
Ex 8

Relative humidity, 87 a. m. 64 p. m.

Reduced barometer, 30.23 a. m. 30.18 p. m.

River gage, 24 ft.

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 6 1912, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 59 | 58 | 58 | 56 | 55 | 56 | 63 | 70 | 77 | 79 | 81 | 82 | 82 | 81 | 80 | 77 | 74 | 72 | 70 ~~68~~ | 68 ~~66~~ | 66 | 65 | 65 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | Clear | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | .28 0 | 1.0 0 | 0.4 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 0.4 | .25 0 | | | | | | |
| Wind direction | S | S | S | S | S | S | S | S | SW | S | SW | SW | SW | SW | SW | SW | S | S | S | S | S | SW | SW | SW |
| Wind movement | 7 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 8 | 7 | 9 | 12 | 13 | 13 | 14 | 14 | 9 | 9 | 9 | 11 | 11 | 9 | 9 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 5.43; Character, Clear

Sunset: Time, 5.15; Character, Clear

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 82 | 55 | 68 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 11.5

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 100

Prevailing direction S

Total movement, 212

Average hourly velocity, 8.8

Maximum velocity, 615 Direction, S Time. 2.07 p.m.

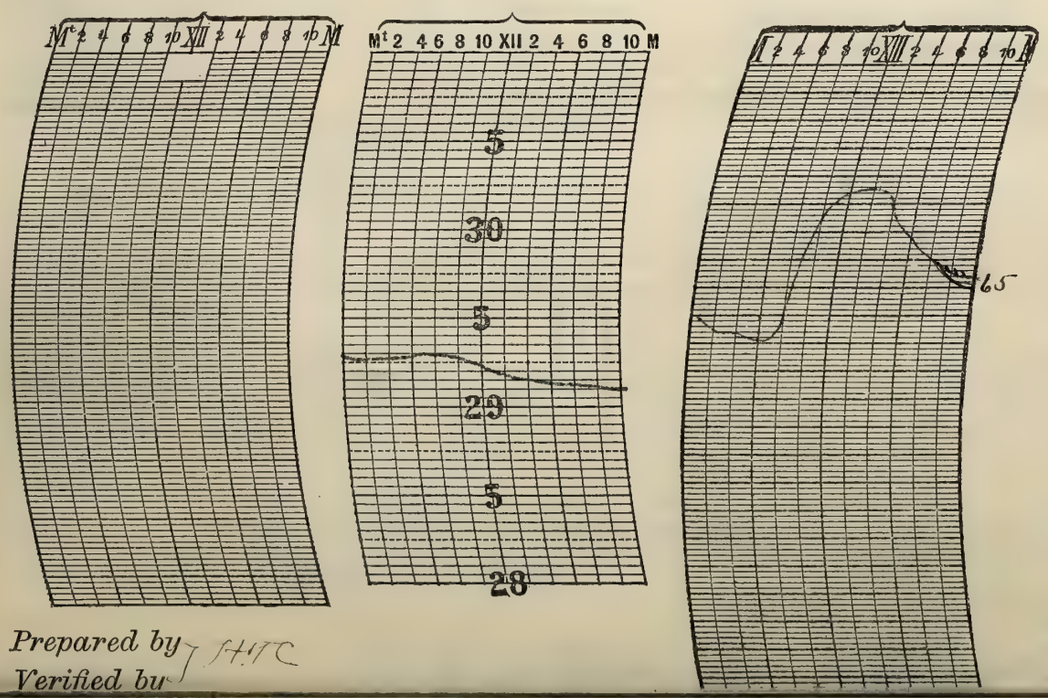
Ex 16

Relative humidity, 85 a. m. 58 p. m.

Reduced barometer, 30.21 a. m. 30.04 p. m.

River gage, 2.4 ft.

NOTES.




Prepared by
Verified by } HHC

Form No. 1014—Met'l.
U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 7 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 65 | 64 | 64 | 58 | 55 | 52 | 53 | 53 | 54 | 56 | 58 | 57 | 59 | 59 | 60 | 58 | 56 | 53 | 50 | 48 | 46 | 44 | 43 | 42 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — Pt Cloudy — | | | | | | | — Clear — | | | | | | | | | | | |
| Sunrise: Time, 5.44 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.14 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | 0 | | | | | | |
| Wind direction | SW | SW | W | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 12 | 11 | 10 | 13 | 14 | 21 | 18 | 16 | 15 | 16 | 16 | 14 | 15 | 15 | 13 | 13 | 10 | 7 | 6 | 6 | 7 | 5 | 2 | 3 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 65 | 42 | 54 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 7.9

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 69

Prevailing direction NW

Total movement, 278

Average hourly velocity, 11.6

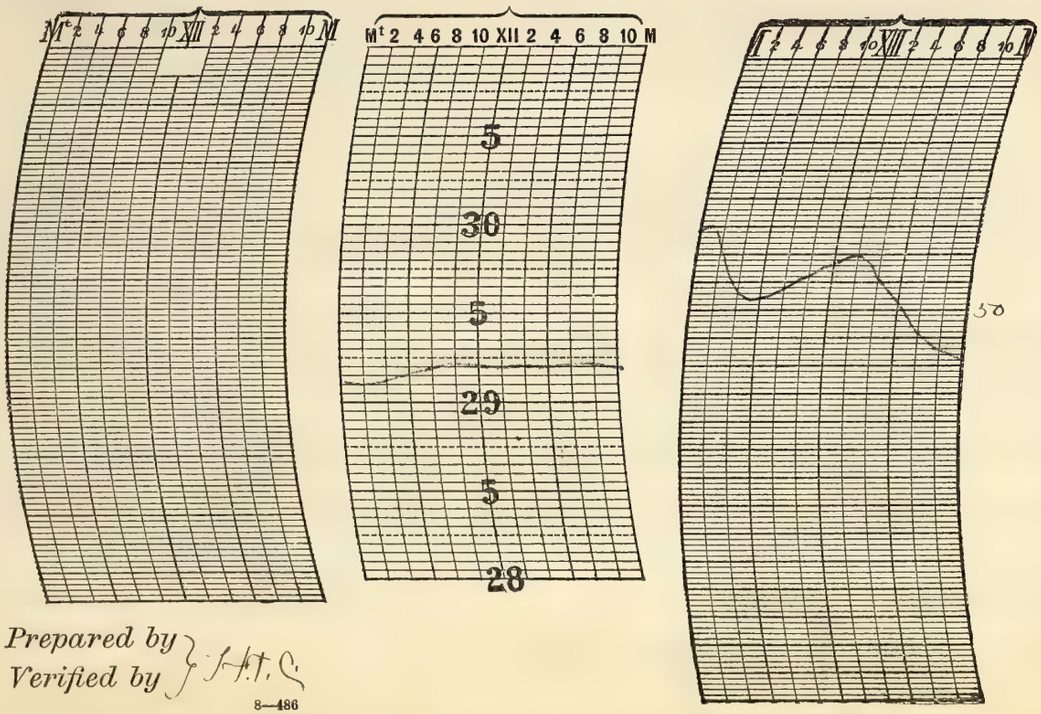
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 23 | NW | 5.10 a. m. |
| Ex 23 | 75 | 72 |

Relative humidity, 75 a. m. 72 p. m.

Reduced barometer, 30.08 a. m. 30.11 p. m.

River gage, 2.3 ft.

NOTES.




Prepared by
Verified by } J. H. T. C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 8 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 41 | 40 | 39 | 39 | 38 | 37 | 39 | 45 | 50 | 54 | 55 | 56 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Pt Cloudy | | | | | |
| Sunrise: Time, 5.45 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0.5 | 1.0 | 1.0 | 0.8 |
| Wind direction | NW | NE | W | W | O | W | O | W | S | SE | S | S |
| Wind movement | 3 | 2 | 2 | 2 | 0 | 2 | 0 | 1 | 4 | 8 | 9 | 8 |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 56 | 58 | 58 | 56 | 54 | 54 | 54 | 54 | 53 | 53 | 53 | 53 |
| State of weather: Nature of precipitation and time of beginning and ending | | | RB 2.23 RE 2.45 | | | | | | | | | |
| Amounts of precipitation | | | T | | | | | | | | | |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunset: Time, 5.12 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0.5 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | S | S | SW | S | E | SE | NE | NE | NE | NE | NE | E |
| Wind movement | 6 | 7 | 4 | 3 | 5 | 4 | 3 | 3 | 6 | 6 | 6 | 8 |

Maximum velocities (exceeding 29 miles) direction and time

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 58 | 37 | 48 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 7.8

Actual sunshine, hours, 3.8

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 33

Prevailing direction S. NE.

Total movement, 104

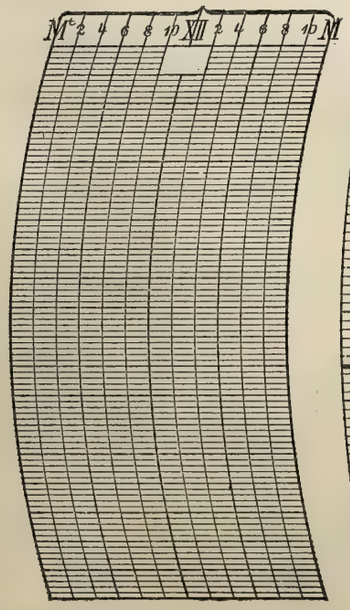
Average hourly velocity, 4.3

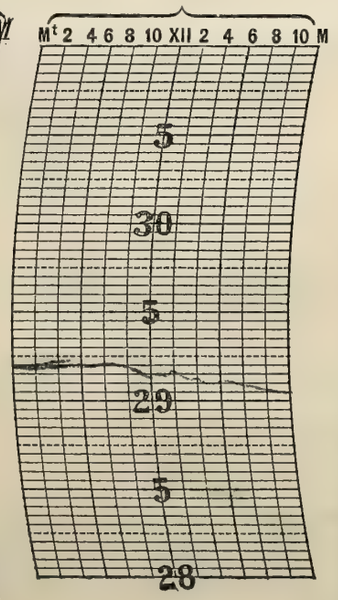
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 | S | 10 45 a.m. |
| Ex 12 | 91 a. m. | 76 p. m. |

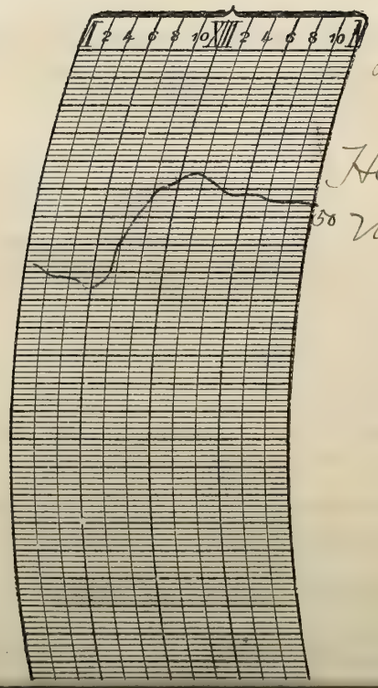
Relative humidity,

Reduced barometer, 30.12 a. m. 30.02 p. m.

River gage, 2.3 ft.





NOTES.

Light Fog { B.D.N.a L-7.15 a.m.

Heavy frost occurred during the early morning

Prepared by
Verified by

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 9 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 53 | 53 | 54 | 53 | 52 | 53 | 57 | 58 | 62 | 68 | 74 | 67 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | RB DN RE DN | | | | | | RB 0.45 | RE 1.58 |
| Amounts of precipitation | | | | | T | | | | | | T | .02 |
| Cloudiness and other conditions | | | | | | | — Cloudy — | | | | | |
| Sunrise: Time, 5.46 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0.6 | 0 | 0 |
| Wind direction | E | E | NE | E | E | E | E | SE | S | S | SW | SW |
| Wind movement | 6 | 7 | 7 | 8 | 9 | 5 | 5 | 5 | 8 | 14 | 14 | 7 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 72 | 66 | 66 | 66 | 65 | 66 | 66 | 66 | 66 | 65 | 64 | 63 |
| State of weather: Nature of precipitation and time of beginning and ending | | RB 1.10 | | RE 3.50 | | | | RB 7.50 | RE 8.35 | | | |
| Amounts of precipitation | | .17 | .16 | .01 | | | | .01 | .02 | | | |
| Cloudiness and other conditions | | — Cloudy — | | | | | | | | | | |
| Sunset: Time, 5.10 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0.3 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Wind direction | S | SW | SW | SW | SW | SW | S | S | SW | NW | SW | NE |
| Wind movement | 13 | 13 | 16 | 14 | 11 | 8 | 7 | 7 | 6 | 3 | 2 | 4 |

Maximum velocities (exceeding 29 miles) direction and time

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 74 | 52 | 63 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .36 ins.

Total precipitation, midnight to midnight, .39 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 0.9

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 8

Prevailing direction SW

Total movement, 198

Average hourly velocity, 8.2

| | Maximum velocity, | Direction, | Time. |
|---|---|---|---|
| | 19 | SW | 3.00 p.m. |

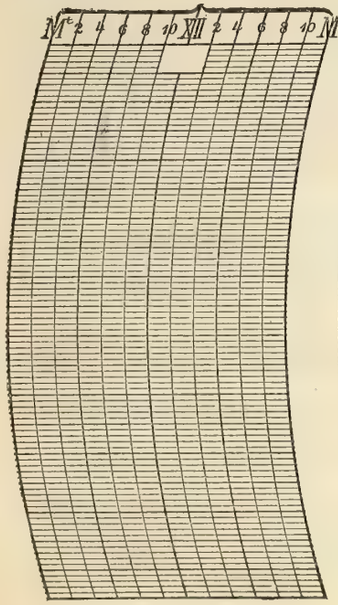
Relative humidity, 88 a. m. 95 p. m.

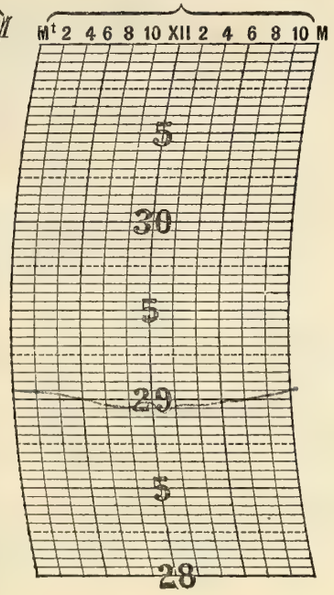
Reduced barometer, 29.91 a. m. 29.96 p. m.

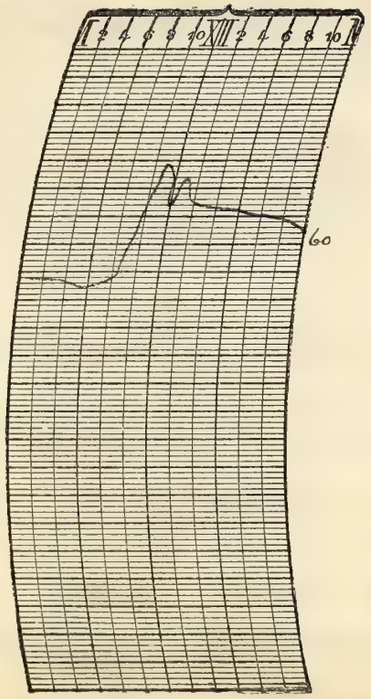
River gage, 2.3 ft.

NOTES.

Light thunder occurred at 1.00 p.m.






Prepared by
Verified by H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 10 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 62 | 61 | 60 | 59 | 59 | 58 | 59 | 58 | 58 | 58 | 61 | 63 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | RB 8.45 | | | RE 11.20 |
| Amounts of precipitation | | | | | | | | | .05 | .30 | .21 | T |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | NE | E | SE | E | NE | NE | NE | E | E | SW | S | S |
| Wind movement | 6 | 5 | 6 | 3 | 6 | 8 | 8 | 10 | 7 | 4 | 7 | 5 |

Sunrise: Time, 5.47 Character, Cloudy

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 64 | 65 | 66 | 65 | 64 | 64 | 64 | 64 | 64 | 63 | 63 | 62 |
| Nature of precipitation and time of beginning and ending | RB 12.20 | | RE 2.15 | | | | | | | | | |
| Amounts of precipitation | .05 | .05 | .02 | | | | | | | | | |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0.1 | 0 | 0 | 0 | | | | | | 0 |
| Wind direction | SW | S | SW | S | S | S | SW | SW | SW | SW | SW | SW |
| Wind movement | 7 | 10 | 8 | 11 | 9 | 8 | 9 | 7 | 8 | 7 | 3 | 2 |

Sunset: Time, 5.09 Character, Cloudy

Maximum velocities (exceeding 25 miles) direction and time 57

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

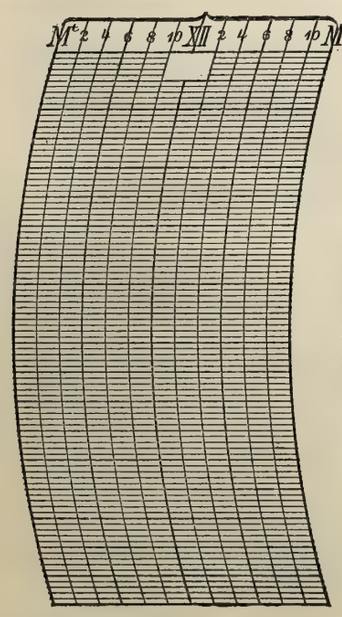
1 hours slower than 75th meridian time.

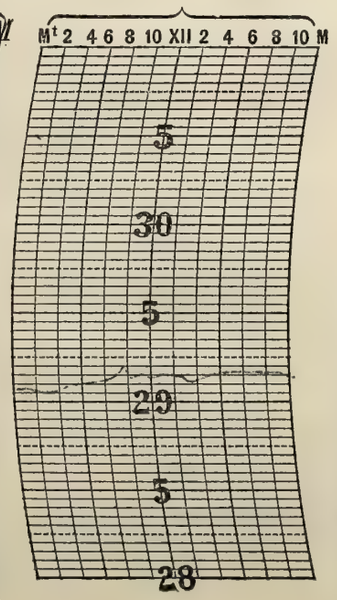
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 66 | 58 | 62 | |

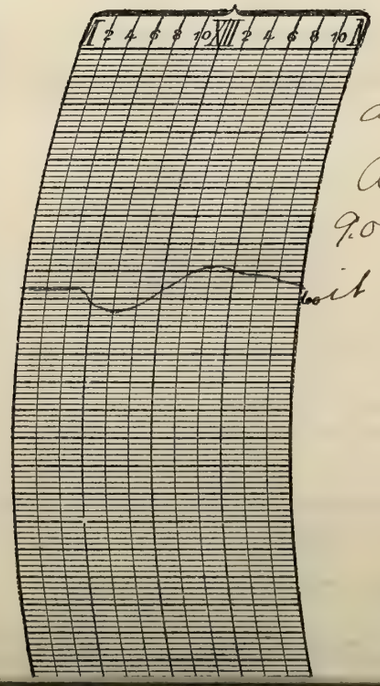
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., .68 ins.
Total precipitation, midnight to midnight, .68 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0.1
Possible sunshine, hours, 11.4
Percentage of possible sunshine, 1
Prevailing direction SW
Total movement, 162
Average hourly velocity, 6.8

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 14 Ex 14 | SE | 10.15 a.m. |

Relative humidity, 99 a. m. 90 p. m.
Reduced barometer, 30.04 a. m. 30.08 p. m.
River gage, 2.8 ft.




NOTES.

Light fog prevailed during the forenoon and lifted at 11.15 a.m.
A light thunderstorm occurred about 9.00 a.m. and for the duration of 1 hour succeeding it was necessary to use lights in offices

Prepared by
Verified by } MTC

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 11 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 62 | 61 | 61 | 59 | 60 | 61 | 62 | 64 | 68 | 74 | 76 | 78 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — PtCloudy — | | | | | |
| Sunrise: Time, 5.48 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0.2 | 1.0 | 1.0 | 0.6 |
| Wind direction | SW | N | N | N | E | SE | S | S | S | S | SW | SW |
| Wind movement | 3 | 1 | 2 | 4 | 3 | 5 | 8 | 8 | 9 | 12 | 13 | 11 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 79 | 79 | 80 | 79 | 70 | 71 | 72 | 72 | 71 | 72 | 72 | 74 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | RR 5.02 RE 5.35 | | | | | | |
| Amounts of precipitation | | | | | | .14 | | | | | | |
| Cloudiness and other conditions | | | | | | — PtCloudy — | | | | | | |
| Sunset: Time, 5.07 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 0.5 | 1.0 | 0.7 | 0 | 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SWS | W | SW | W | W | W |
| Wind movement | 11 | 12 | 11 | 9 | 5 | 9 | 9 | 13 | 16 | 19 | 19 | 23 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 80 | 59 | 70 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .14 ins.

Total precipitation, midnight to midnight, .14 inches.

Character of day, PtCloudy Moon phase, New Moon

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 6.0

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 53

Prevailing direction SW

Total movement, ~~229~~ 235

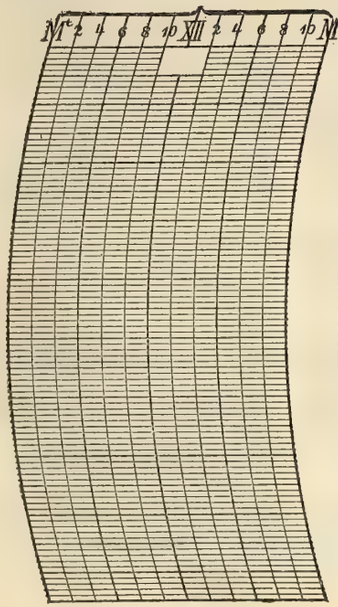
Average hourly velocity, ~~9.5~~ 9.8

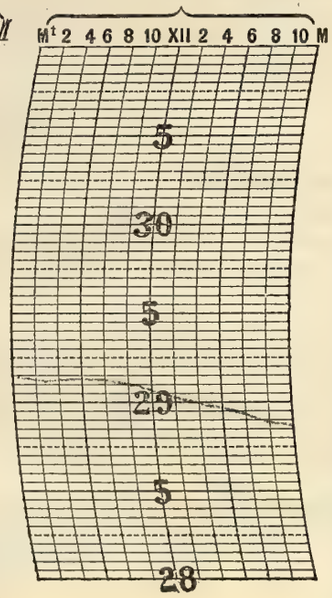
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 23 Ex 26 | S | 11.55 p.m |

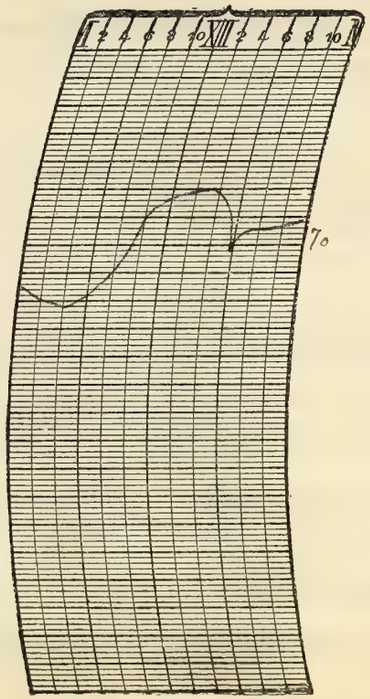
Relative humidity, 94 a. m. 86 p. m.

Reduced barometer, 30.03 a. m. 29.86 p. m.

River gage, 3 ft.






NOTES.

5.00 p.m. moderate

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 12 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 73 | 72 | 70 | 60 | 58 | 55 | 53 | 52 | 53 | 53 | 52 | 52 | 53 | 53 | 54 | 56 | 55 | 54 | 51 | 50 | 49 | 47 | 46 | 44 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Cloudy — | | | | | | | — Cloudy — | | | | | | | | | | |
| Sunrise: Time, 5.49 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.16 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.4 | 0.6 | 1.0 | 0.8 0.2 | 1.0 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | W | SW | W | W | W | W | W | W | W | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 24 | 23 | 27 | 27 | 24 | 25 | 25 | 20 | 19 | 19 | 18 | 18 | 16 | 15 | 12 | 11 | 8 | 7 | 6 | 5 | 3 | 5 | 6 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | 36 SW 12.30 | | 36 SW 2.40 | 33 SW 3.56 | 34 W 4.40 | 33 SW 5.45 | 30 SW 6.05 | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

/ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 74 | 44 | 59 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 3.1

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 27

Prevailing direction SW

Total movement, 367

Average hourly velocity, 15.3

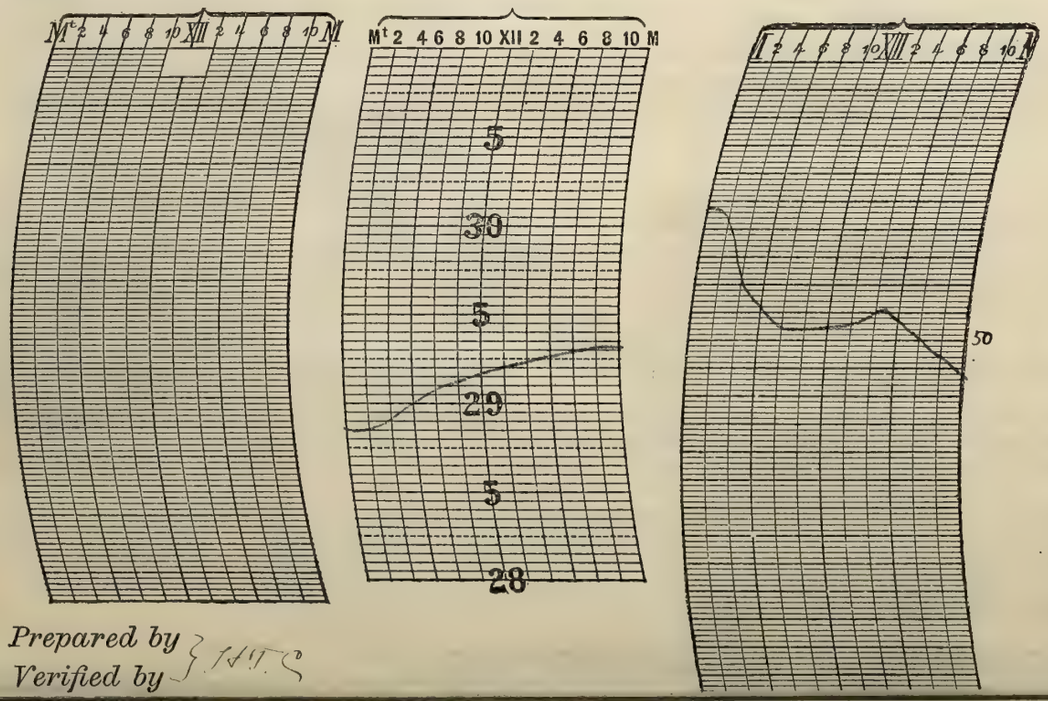
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 36 Ex 37 | SW | 2.40 p.m. |

Relative humidity, 75 a. m. 75 p. m.

Reduced barometer, 29.92 a. m. 30.19 p. m.

River gage,

NOTES.




Prepared by
Verified by } H.T.S.

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 13 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 43 | 43 | 42 | 41 | 41 | 40 | 43 | 46 | 49 | 54 | 57 | 59 | 61 | 61 | 61 | 60 | 58 | 55 | 54 | 53 | 52 | 48 | 45 | 43 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Partly Cloudy | | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, 5.51 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.04 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0.1 | 0.4 | 0 | 0.7 | 0.9 | 1.0 | 1.0 | 1.0 | 0.8 | 1.0 | 1.0 / 0 | .07 / 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | NW | NW | NW | NW | NW | NW | W | W | SW |
| Wind movement | 6 | 6 | 7 | 8 | 8 | 8 | 8 | 6 | 7 | 8 | 12 | 14 | 16 | 15 | 11 | 11 | 9 | 6 | 6 | 3 | 2 | 3 | 5 | 6 |
| Maximum velocities (exceeding 22 miles) direction and time | 29 | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 61 | 40 | 50 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 8.0

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 71

Prevailing direction SW

Total movement, 191

Average hourly velocity, 8.0

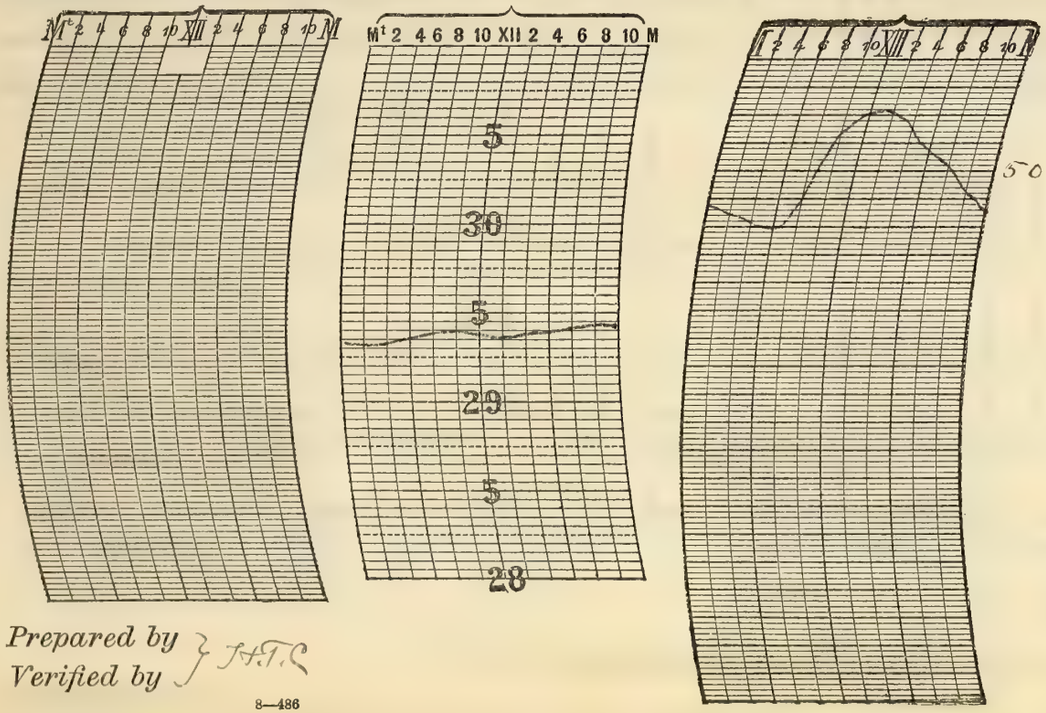
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 22 Ex 22 | SW | 1.00 p. |

Relative humidity, 85 a. m. 76 p. m.

Reduced barometer, 30.31 a. m. 30.32 p. m.

River gage, 3.3 ft.

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 14 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 42 | 42 | 41 | 40 | 39 | 38 | 39 | 45 | 52 | 57 | 58 | 59 | 61 | 62 | 63 | 61 | 58 | 55 | 54 | 52 | 50 | 49 | 48 | 47 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | Clear | | | | | Clear | | | | | | | | | |
| Sunrise: Time, 5.52 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 5.02 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | .13 0 | 1.0 0 | 1.4 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 0.2 | .03 0 | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 6 | 4 | 6 | 7 | 6 | 6 | 6 | 5 | 6 | 10 | 15 | 15 | 16 | 15 | 14 | 13 | 10 | 8 | 9 | 9 | 12 | 12 | 11 | 11 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 63 | 38 | 50 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 11.2

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 232

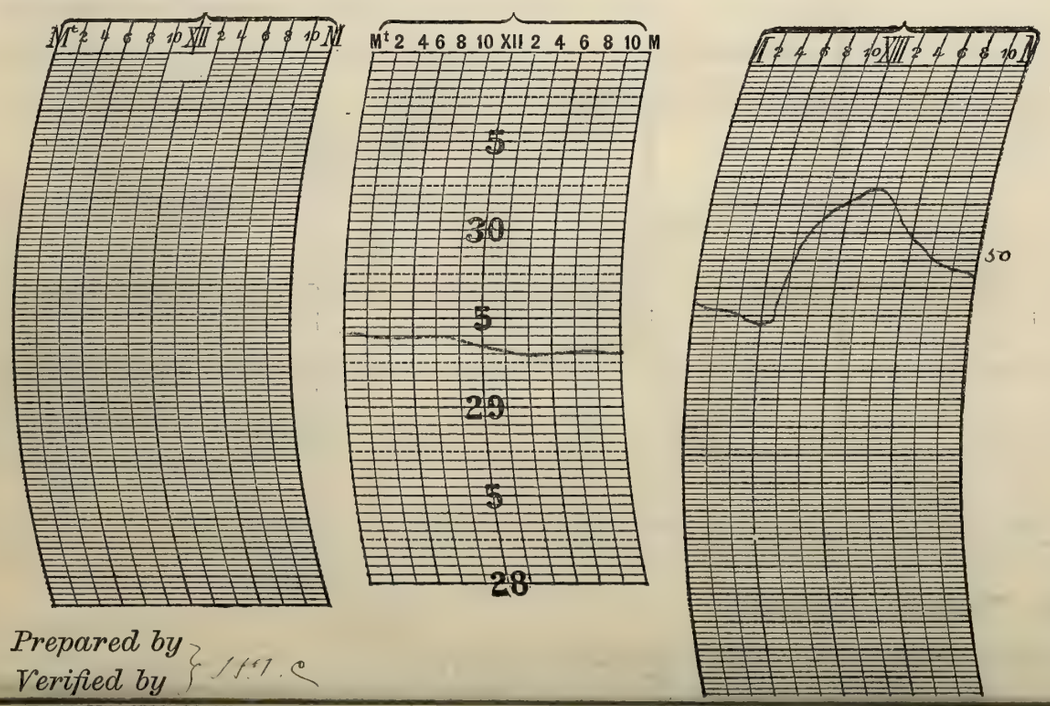
Average hourly velocity,

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 Ex 21 | SW | 12.10 p.m. |

Relative humidity, 80 a. m. 52 p. m.

Reduced barometer, 30.33 a. m. 30.23 p. m.

River gage, 3.2 ft.




NOTES.

Light frost occurred during early morning.

Prepared by
Verified by } H.F.C.

Form No. 1014—Met 1.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 15 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 46 | 45 | 44 | 43 | 42 | 43 | 45 | 47 | 50 | 53 | 55 | 57 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | |
| Sunrise: Time, 5.53 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | .12 0 | .10 0 | .02 0.8 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | SW | SW | SW | SW | SW | SW | W | NW | N | NE | N | N |
| Wind movement | 11 | 11 | 9 | 8 | 7 | 5 | 6 | 8 | 12 | 11 | 10 | 8 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 58 | 59 | 59 | 58 | 57 | 53 | 50 | 48 | 46 | 45 | 44 | 43 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | Clear | | | | | | | |
| Sunset: Time, 5.01 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 0.1 | .02 0 | | | | | | |
| Wind direction | N | NW | NW | N | N | N | NE | NE | NE | NE | E | NE |
| Wind movement | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 4 | 4 | 6 | 5 | 6 |

Maximum velocities (exceeding 27 miles) direction and time 7

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 59 | 42 | 50 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 11.1

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 1.00

Prevailing direction N

Total movement, 188

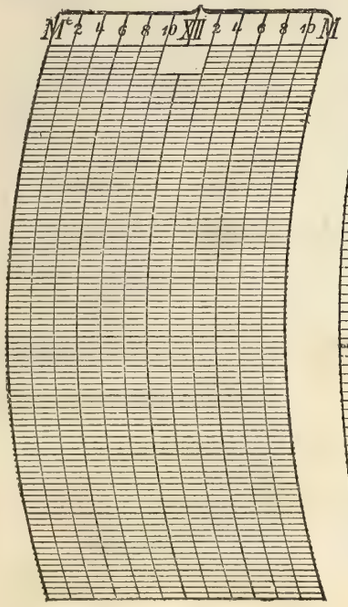
Average hourly velocity, 7.8

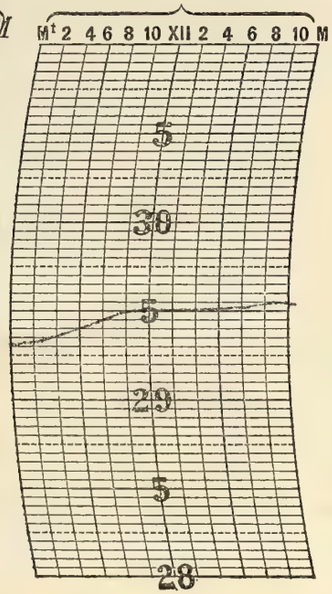
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 14 Ex 14 | NE | 10.00a |

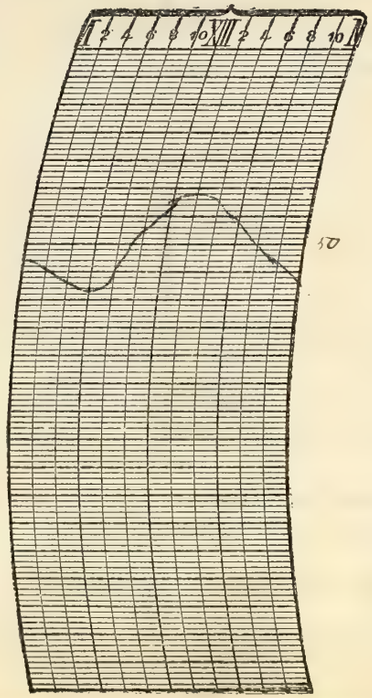
Relative humidity, 86 a. m. 60 p. m.

Reduced barometer, 30.35 a. m. 30.46 p. m.

River gage, 3.2 ft.






NOTES.

Light frost occurred during early morning.

Prepared by J. H. R.
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 16 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
| Temperature at end of hour | 41 | 41 | 40 | 40 | 39 | 37 | 39 | 44 | 48 | 52 | 55 | 57 | 59 | 61 | 62 | 60 | 58 | 56 | 55 | 50 | 48 | 47 | 45 | 45 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — Clear — | | | | | — Clear — | | | | | | | | | | | |
| Sunrise: Time, 5.54 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.59 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.1 | | | | | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | S | S | S | S | S | S | S | S | S | SE | SE | SE | S | S | S | S | S |
| Wind movement | 4 | 3 | 1 | 1 | 1 | 2 | 2 | 7 | 11 | 11 | 9 | 8 | 7 | 7 | 6 | 6 | 6 | 7 | 8 | 6 | 6 | 5 | 6 | 7 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 62 | 37 | 50 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 11.1

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 100

Prevailing direction S

Total movement, 137

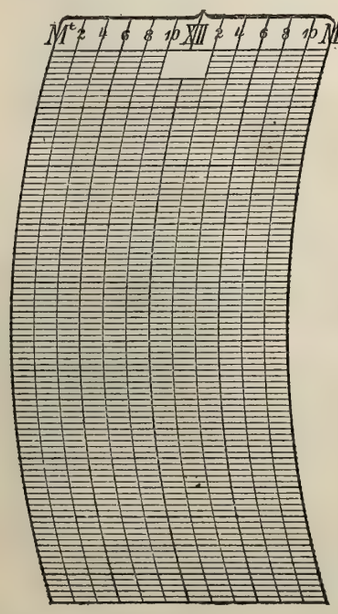
Average hourly velocity, 5.7

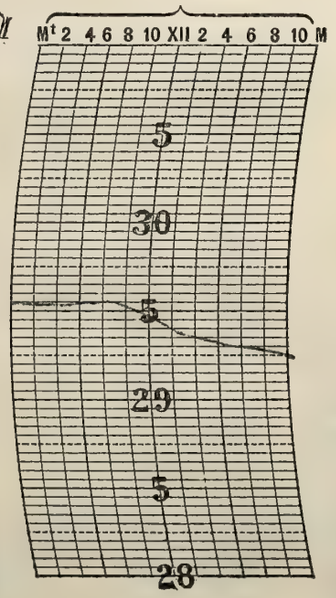
Maximum velocity, 14 Direction, S Time, 9 10 a.m.

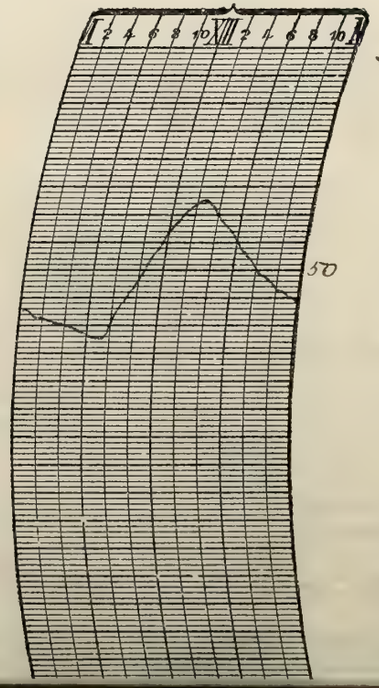
Relative humidity, 84 a. m. 44 p. m.

Reduced barometer, 30.50 a. m. 30.26 p. m.

River gage, 3.1 ft






NOTES.

Heavy frost occurred during early morning

Prepared by

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 17 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 45 | 44 | 43 | 42 | 42 | 43 | 44 | 47 | 53 | 58 | 60 | 65 | 67 | 69 | 69 | 67 | 65 | 63 | 61 | 60 | 61 | 60 | 58 | 57 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | — | | Pt Cloudy | | | | | — | | Clear | | | — | | | | | | |
| Sunrise: Time, 5.55 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.58 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0.5 | 0.9 | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 (0.6, .97) | 0 | | | | | | | |
| Wind direction | S | S | S | S | S | S | S | SW | SW | SW | SW | SW | SW | S | S | S | S | S | S | S | S | S | S | S |
| Wind movement | 7 | 6 | 7 | 9 | 8 | 9 | 7 | 8 | 8 | 10 | 8 | 11 | 12 | 13 | 15 | 10 | 10 | 10 | 11 | 11 | 12 | 14 | 11 | 10 |
| Maximum velocities (exceeding 29 miles) direction and time 7 | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 69 | 42 | 56 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, First Q.

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 8.0

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 73

Prevailing direction S

Total movement, 237

Average hourly velocity, 9.9

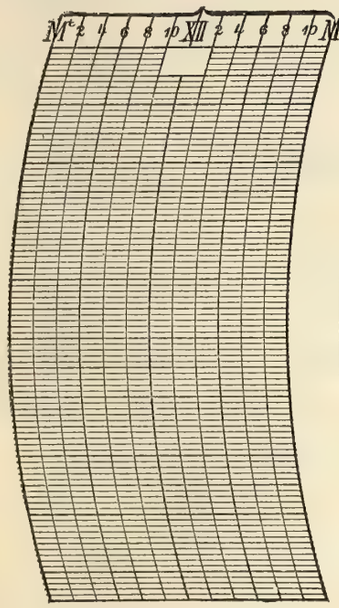
Maximum velocity, 17 Direction, S Time. 2.09 P.M.

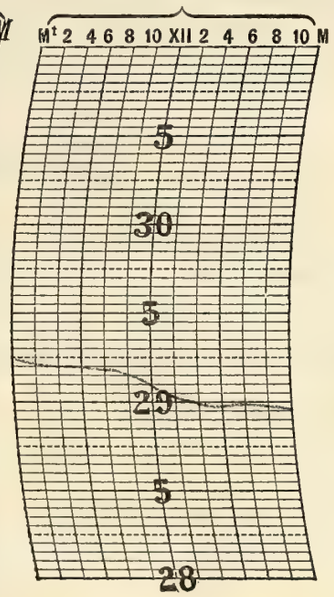
Ex 18

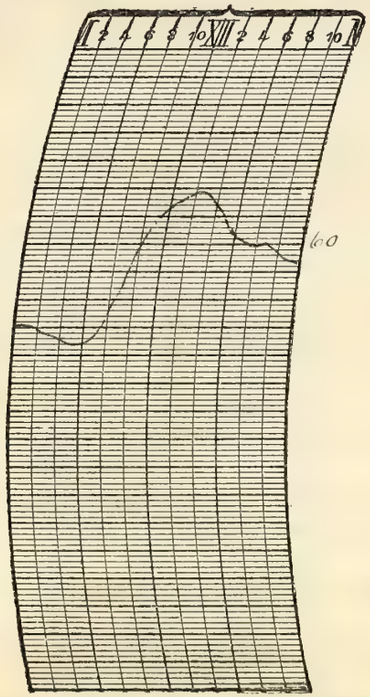
Relative humidity, 78 a. m. 64 p. m.

Reduced barometer, 30.12 a. m. 27.93 p. m.

River gage, 2.7 ft






NOTES.

Light frost occurred in early morning

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

OCT 18 1912

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) ....., 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 58 | 60 | 60 | 60 | 60 | 59 | 61 | 63 | 60 RB 8.24 | 62 | 63 | 62 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | .28 | T | .20 | .15 |
| Cloudiness and other conditions | | | | | | | | | Cloudy | | | |
| Sunrise: Time, 5.56 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | SW | S | S | S | S | S | S | S | S | S | S | S |
| Wind movement | 11 | 11 | 10 | 10 | 9 | 7 | 7 | 11 | 13 | 12 | 14 | 16 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 63 | 64 | 64 | 63 | 62 RE 4.50 | 62 | 62 | 61 | 61 RB 8.30 | 61 RE 9.10 | 61 | 62 |
| Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | .11 | .03 | T | .02 | .01 | | | | T | T | | |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunset: Time, 4.56 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | S | S | S | S | S | S | S | S | SW | SW | SW | W |
| Wind movement | 14 | 14 | 14 | 12 | 11 | 12 | 9 | 9 | 9 | 12 | 12 | 16 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

..1.. hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 64 | 58 | 61 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .80 ins.

Total precipitation, midnight to midnight, .80 inches.

Character of day, Cloudy 5 Moon phase, .....

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 11.0

Prevailing direction S

Total movement, 275

Average hourly velocity, 11.5

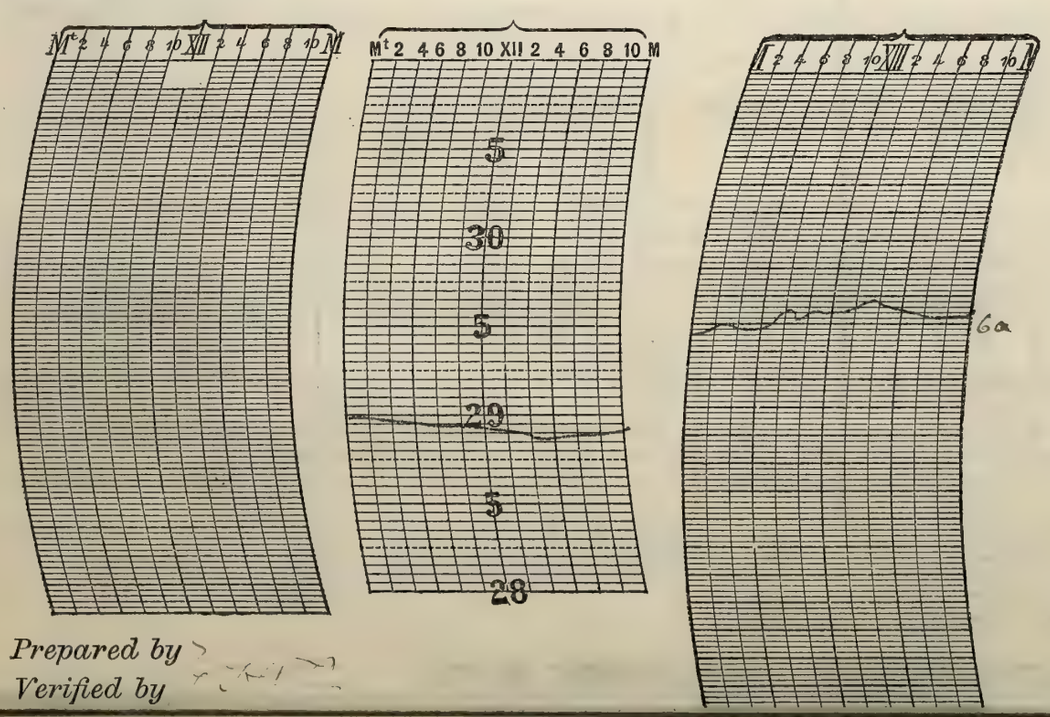
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 22 | W | 11.50 p.m |
| E 22 | | |

Relative humidity, 84 a. m. 89 p. m.

Reduced barometer, 30.12 a. m. 29.79 p. m.

River gage, 2.8 ft.

NOTES.




Prepared by

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

Verified by

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 19 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 59 | 54 | 51 | 49 | 46 | 44 | 45 | 47 | 49 | 50 | 52 | 52 | 54 | 55 | 56 | 54 | 52 | 50 | 48 | 47 | 46 | 45 | 43 | 41 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | Clear | | | | | | | Partly Cloudy | | | | | | | | | | | |
| Sunrise: Time, 5.57 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.55 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | .05 0 | 1.0 0 | 0.2 0.8 | 1.0 | 1.0 | 1.0 | 0.6 | 1.0 | 1.0 | 1.0 | 0.1 0.9 | .92 0 | | | | | | | |
| Wind direction | W | W | W | W | SW | SW | SW | SW | W | W | W | W | W | W | W | W | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 14 | 14 | 11 | 9 | 8 | 8 | 9 | 9 | 12 | 12 | 11 | 11 | 12 | 13 | 11 | 12 | 8 | 6 | 6 | 4 | 4 | 2 | 3 | 3 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 62 | 41 | 52 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 10.6

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 96

Prevailing direction W

Total movement, 212

Average hourly velocity, 8.8

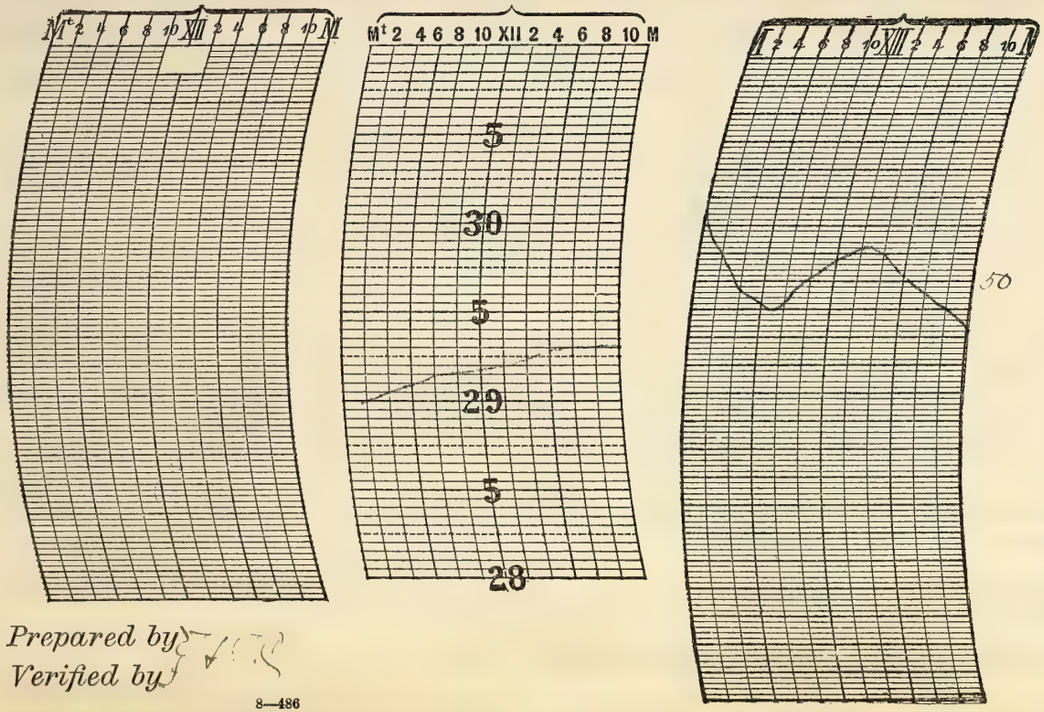
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 Ex 22 | SW | 1.30 a.m |

Relative humidity, 81 a. m. 73 p. m.

Reduced barometer, 30.03 a. m. 30.21 p. m.

River gage, 3.1 ft

NOTES.




Prepared by

Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 20 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 40 | 38 | 38 | 37 | 36 | 34 | 36 | 40 | 43 | 50 | 53 | 56 | 58 | 59 | 60 | 60 | 58 | 55 | 53 | 52 | 51 | 49 | 46 | 44 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | | Clear | | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 5.58 Character, Clear | | | | | 0 | .03 1.0 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 .88 0.8 | 0 | | | | Sunset: Time, 4.53 Character, Clear | | | |
| Wind direction | N | N | N | NE | NE | NE | NE | NE | E | E | SE | SE | SE | SE | SE | SE | E | E | E | E | E | E | E | E |
| Wind movement | 4 | 3 | 2 | 4 | 4 | 3 | 3 | 3 | 5 | 6 | 8 | 9 | 10 | 8 | 7 | 7 | 4 | 4 | 6 | 5 | 5 | 5 | 6 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 60 | 34 | 47 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 10.9

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 100

Prevailing direction E

Total movement, 127

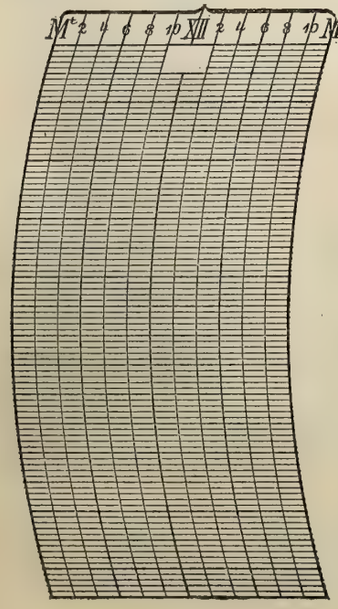
Average hourly velocity, 5.3

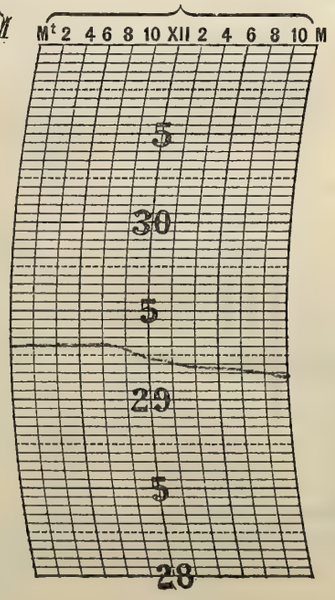
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 13 Ex 13 | SE | 1.35 p.m. |

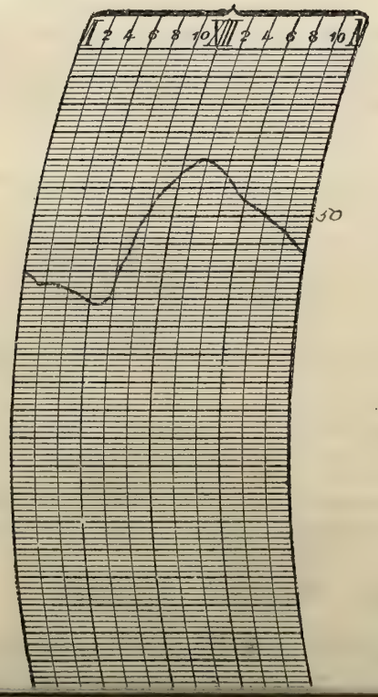
Relative humidity, 95 a. m. 64 p. m.

Reduced barometer, 30.26 a. m. 30.09 p. m.

River gage, 3.2 ft.






NOTES.

Killing frost occurred in early morning

Prepared by
Verified by } N.T.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 21 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 43 | 42 | 41 | 41 | 40 | 41 | 43 | 52 | 58 | 61 | 70 | 73 | 73 | 72 | 72 | 72 | 70 | 68 | 66 | 65 | 65 | 64 | 64 | 63 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — PCloudy — | | | | | — PCloudy — | | | | | | | | | | | |
| Sunrise: Time, 5.59 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.52 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | 0 | 0 | 0 | 1.0 | 1.0 | 1.0 | 0.7 | 0.1 | 0.6 | 1.0 | 0.6 | 0 | | | | | | | |
| Wind direction | E | E | E | E | E | E | E | E | SE | S | S | S | S | S | S | S | S | SE | SE | SE | SE | SE | S | SE |
| Wind movement | 6 | 6 | 4 | 5 | 3 | 3 | 2 | 3 | 5 | 10 | 10 | 13 | 14 | 14 | 14 | 11 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

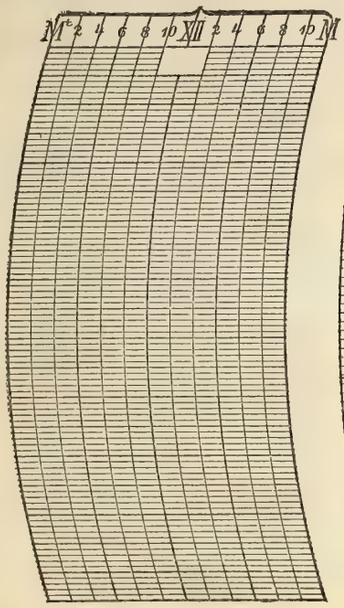
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 73 | 40 | 56 | |

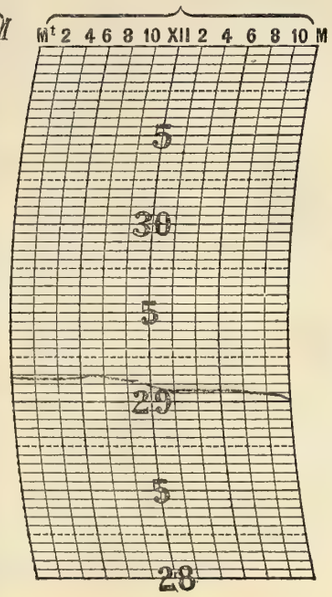
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, PCloudy Moon phase,
Average daily cloudiness (0–10) 6.6
Actual sunshine, hours, 6.0
Possible sunshine, hours, 10.9
Percentage of possible sunshine, 55
Prevailing direction S
Total movement, 192
Average hourly velocity, 8.0

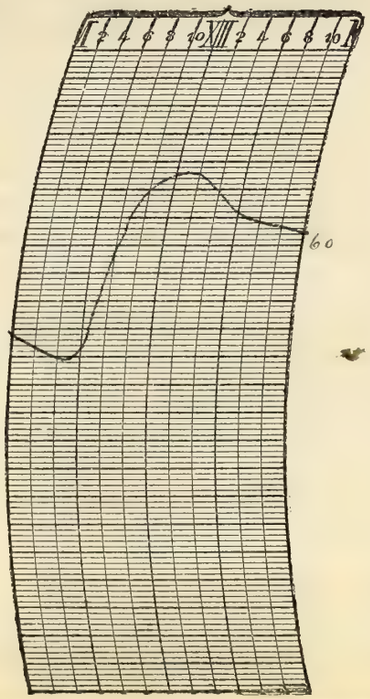
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 Ex 18 | SW | 2.10 p.m. |

Relative humidity, 88 a. m. 80 p. m.
Reduced barometer, 30.07 a. m. 30.00 p. m.
River gage, 3.2 ft

NOTES.




Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 22 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 63 | 63 | 62 | 61 | 61 | 62 | 63 | 64 | 63 | 62 | 62 | 59 |
| Nature of precipitation and time of beginning and ending | | | RB DN | RL DN | | | | | RB 8.05 | RE 9.35 | | |
| Amounts of precipitation | | | .02 | T | | | | | .01 | T | | |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | |
| Sunrise: Time, 6.00 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0.3 | 0.2 |
| Wind direction | SE | S | SE | SE | SE | SE | S | S | S | SW | SW | W |
| Wind movement | 9 | 8 | 11 | 9 | 10 | 13 | 14 | 15 | 15 | 16 | 19 | 15 |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 55 | 53 | 51 | ~~49~~ 50 | ~~48~~ 49 | 48 | 47 | 46 | 45 | 45 | 44 | 43 |
| Nature of precipitation and time of beginning and ending | | RB 1.20 | | | RE 4.10 | | | | | | | |
| Amounts of precipitation | | T | T | .06 | T | | | | | | | |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunset: Time, 4.51 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | W | W | NW | W | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 10 | 11 | 11 | 18 | 16 | 17 | 17 | 18 | 17 | 15 | 15 | 16 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 64 | 43 | 54 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .07 ins.

Total precipitation, midnight to midnight, .09 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, ~~10.8~~ 0.5

Possible sunshine, hours, 10.8

Percentage of possible sunshine, ~~0~~ 5

Prevailing direction NW

Total movement, 328

Average hourly velocity, 13.7

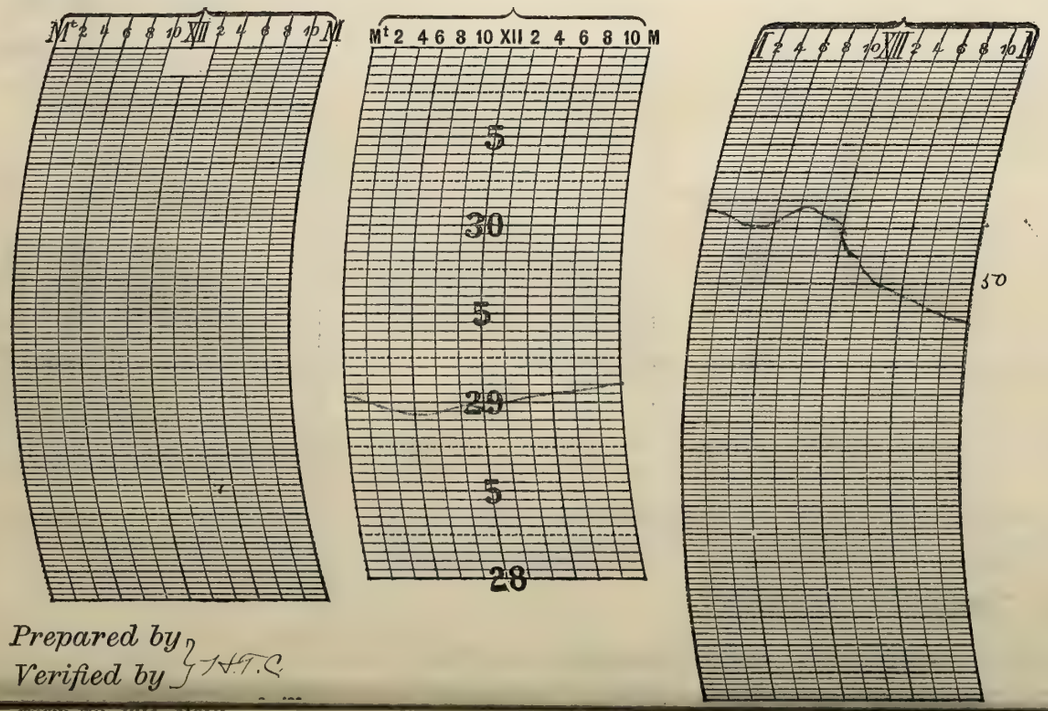
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 23 Ex 23 | SW | 10.15 a.m. |

Relative humidity, 95 a. m. 86 p. m.

Reduced barometer, 29.83 a. m. 29.96 p. m.

River gage, ~~3.2 ft.~~ 3.0 ft.

NOTES.




Prepared by
Verified by } H.T.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 23 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 43 | 43 | 43 | 42 | 42 | 42 | 42 | 42 | 43 | 43 | 44 | 46 | 48 | 48 | 47 | 47 | 46 | 44 (5) | 44 | 41 (1) | 37 (40) | 37 | 36 | 35 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | | | | Pt Cloudy | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 6.02 Character, Cloudy | | | | | | 0 | 0 | 0.6 | 0.6 | 0.7 | 0.5 | 0.9 | 0 | 0.1 | 0.4 | 0 | | | | Sunset: Time, 4.49 Character, Cloudy | | | |
| Wind direction | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 17 | 16 | 15 | 15 | 15 | 17 | 17 | 18 | 17 | 18 | 17 | 17 | 17 | 15 | 14 | 13 | 12 | 11 | 9 | 9 | 9 | 7 | 7 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 48 | 35 | 42 | |

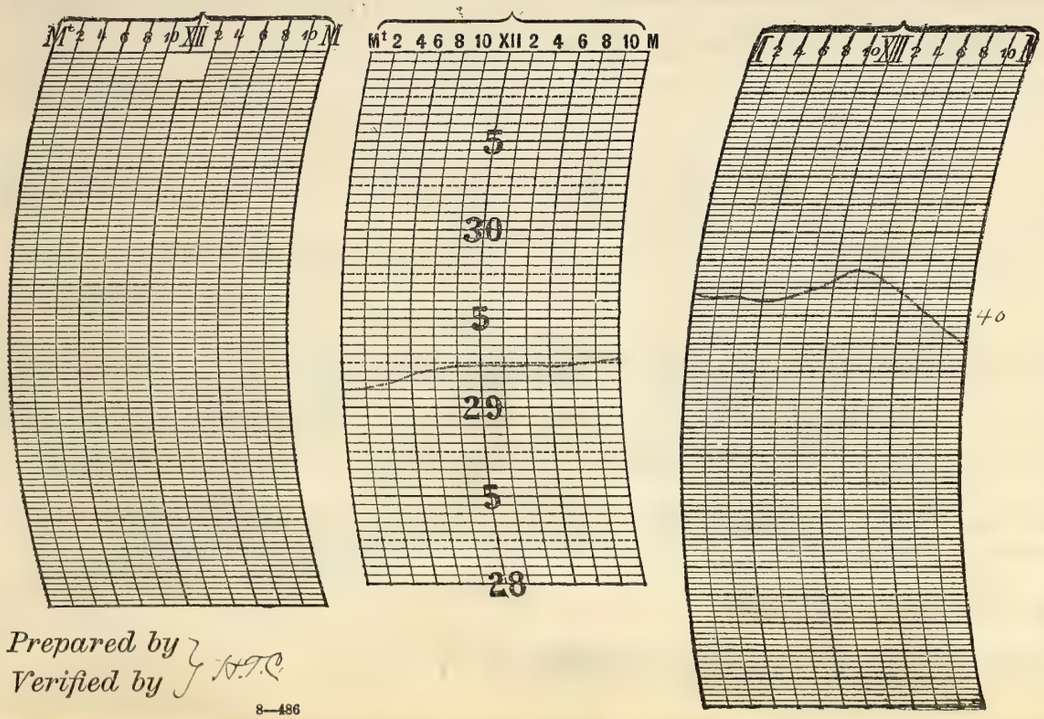
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 7
Actual sunshine, hours, 3.8
Possible sunshine, hours, 10.8
Percentage of possible sunshine, 35
Prevailing direction NW
Total movement, 328
Average hourly velocity, 13.7

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 21 & 22 | NW | 11 a.m |

Relative humidity, 77 a. m. 74 p. m.
Reduced barometer, 30.11 a. m. 30.17 p. m.
River gage, 2.8 ft.

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

NOTES.




Prepared by
Verified by } N.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 24 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 34 | 33 | 33 | 32 | 32 | 32 | 34 | 38 | 41 | 45 | 48 | 50 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | |
| Sunrise: Time, 6.03 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | .95 0 | 0.2 0.8 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wind direction | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 7 | 6 | 7 | 8 | 6 | 6 | 6 | 8 | 13 | 13 | 14 | 11 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 52 | 53 | 54 | 53 | 50 | 48 | 46 | 42 | 41 | 40 | 39 | 38 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Clear | | | | | | | | | |
| Sunset: Time, 4.48 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 0.2 0.8 | .80 0 | | | | | | | |
| Wind direction | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | W |
| Wind movement | 13 | 14 | 13 | 11 | 10 | 11 | 10 | 9 | 7 | 7 | 8 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 54 | 32 | 43 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 10.8

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 100

Prevailing direction NW

Total movement, 223

Average hourly velocity, 9.7

Maximum velocity, 18 Direction, NW Time. 9.00 a.m.

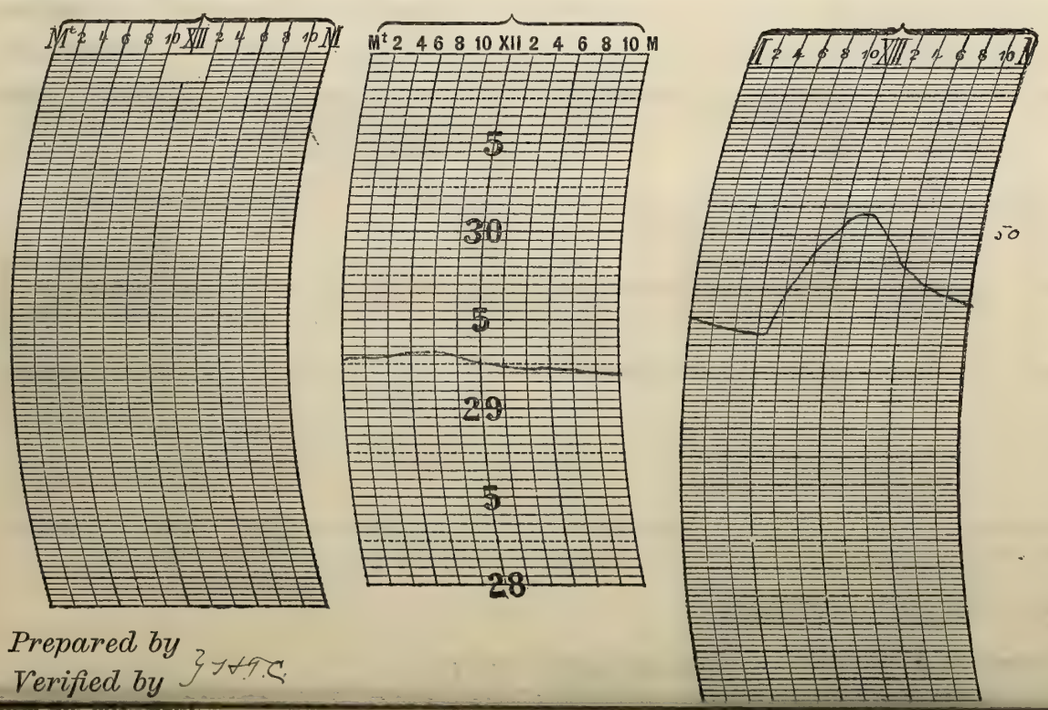
EX 18.

Relative humidity, 90 a. m. 68 p. m.

Reduced barometer, 30.24 a. m. 30.13 p. m.

River gage, 2.7 ft

NOTES.




Prepared by
Verified by J H F C

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 25 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 37 | 37 | 37 | 36 | 35 | 34 | 36 | 42 | 46 | 52 | 56 | 58 | 60 | 62 | 62 | 59 | 56 | 52 | 50 | 48 | 46 | 44 | 42 | 40 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, 6.04 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.46 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | X | 0 | 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 0.8 | 1.0 0 | .77 0 | | | | | | | |
| Wind direction | W | W | W | W | W | W | W | W | W | NW | NW | NW | NW | W | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 7 | 7 | 5 | 5 | 5 | 5 | 6 | 6 | 8 | 8 | 9 | 1 | 12 | 11 | 12 | 13 | 10 | 9 | 9 | 7 | 7 | 7 | 6 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 62 | 34 | 48 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Full Moon

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 8.8

Possible sunshine, hours, 10.7

Percentage of possible sunshine, 82

Prevailing direction NW

Total movement, 191

Average hourly velocity, 8.0

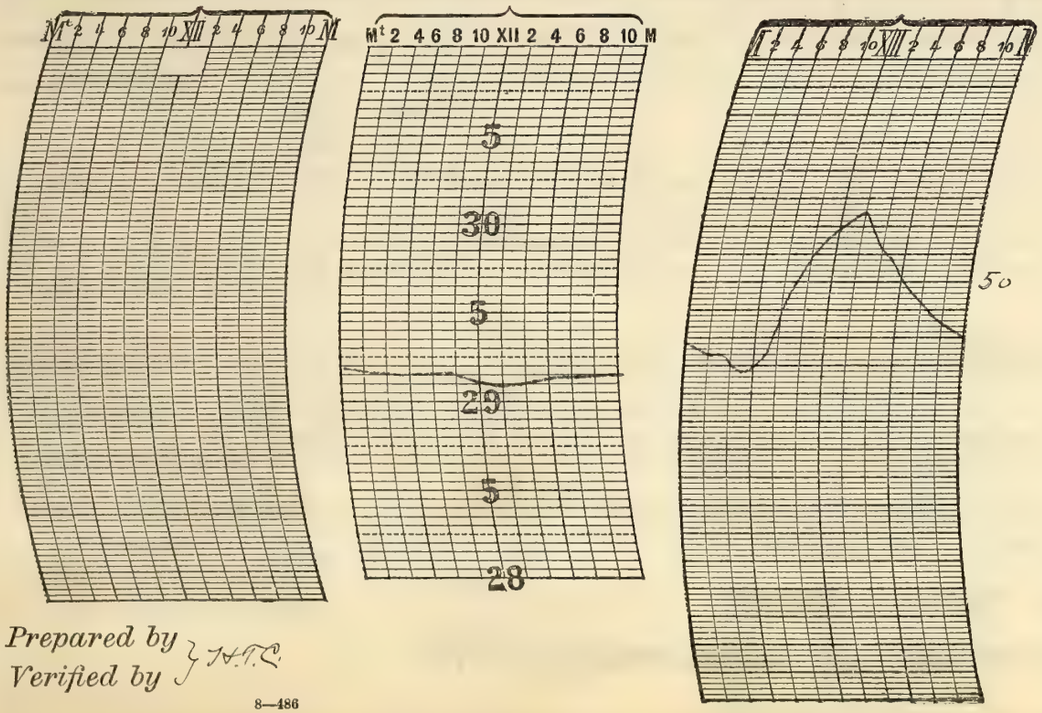
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 Ex 16 | NW | 3.42 p.m. |

Relative humidity, 87 a. m. 68 p. m.

Reduced barometer, 30.10 a. m. 30.07 p. m.

River gage, 2.6 ft.

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 26 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
| Temperature at end of hour | 39 | 39 | 38 | 37 | 37 | 37 | 38 | 40 | 45 | 50 | 52 | 56 | 58 | 59 | 59 | 58 | 57 | 54 | 52 | 49 | 47 | 45 | 45 | 44 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — | Clear | — | | | — | Clear | — | | | | | | | | | |
| | Sunrise: Time, 6.05 Character, Clear | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.45 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | | .7 0 | 0.6 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.1 0.9 | .75 0 | | | | | | | |
| Wind direction | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | W | W | W |
| Wind movement | 6 | 6 | 6 | 5 | 6 | 5 | 4 | 3 | 3 | 5 | 6 | 8 | 8 | 7 | 8 | 6 | 3 | 2 | 1 | 1 | 3 | 4 | 3 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 59 | 37 | 48 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 10.7

Possible sunshine, hours, 10.7

Percentage of possible sunshine, 100

Prevailing direction N.W.

Total movement, 113

Average hourly velocity, 4.7

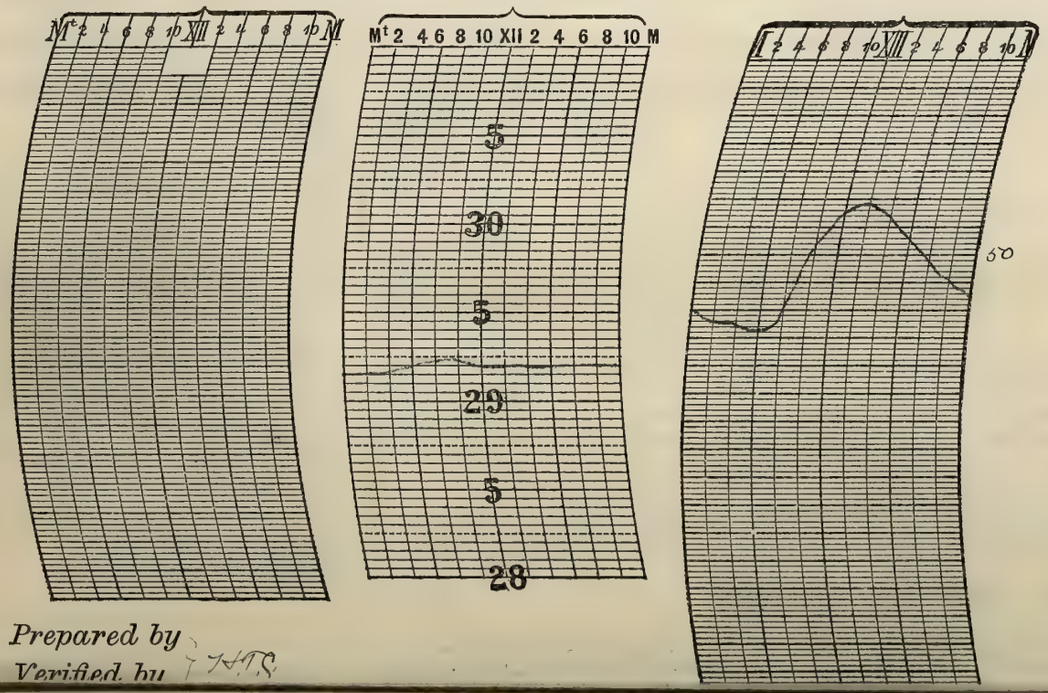
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 10 Ex 10 | ~~12.05 N~~ | 12.05 p.m. |

Relative humidity, 91 a. m. 75 p. m.

Reduced barometer, 30.15 a. m. 30.14 p. m.

River gage, 2.3 ft

NOTES.




Prepared by

Verified by T.H.T.S.

Verified by
Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 27 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 41 | 40 | 40 | 40 | 39 | 39 | 41 | 44 | 48 | 53 | 56 | 59 | 62 | 64 | 65 | 64 | 62 | 60 | 58 | 55 | 54 | 53 | 52 | 49 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Pt Cloudy | | | | | | Clear | | | | | | | | | | | |
| Sunrise: Time, 6.06 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.44 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | 0 | | | 0 | 0 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | W | W | SW | SW | SW | SW | S | S | S | S | S | S | S | S | S | S | SW | SW |
| Wind movement | 6 | 6 | 7 | 6 | 8 | 8 | 7 | 8 | 11 | 14 | 15 | 15 | 13 | 14 | 16 | 13 | 9 | 5 | 8 | 9 | 10 | 9 | 7 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

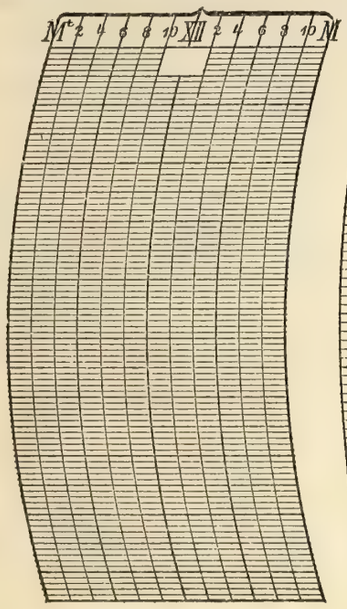
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 65 | 39 | 52 | |

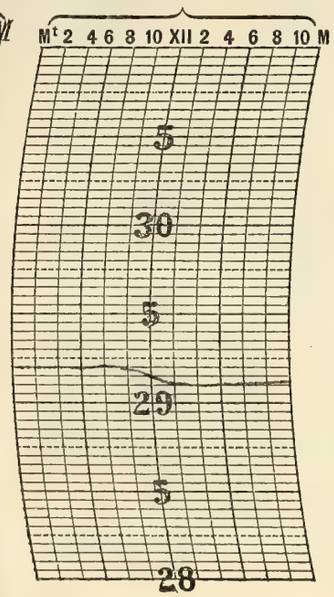
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10), 4
Actual sunshine, hours, 8.4
Possible sunshine, hours, 10.6
Percentage of possible sunshine, 79
Prevailing direction SW
Total movement, 230
Average hourly velocity, 9.6

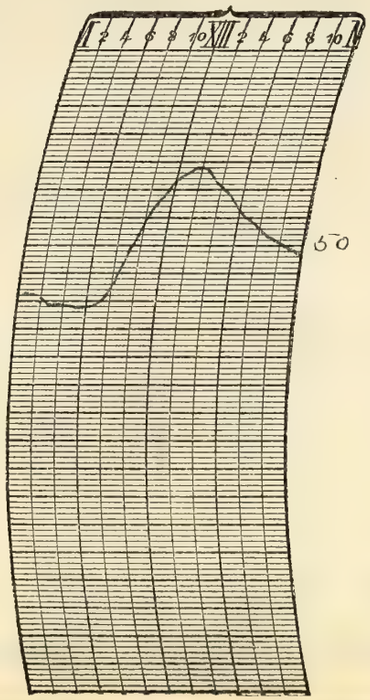
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 18 Ex 19 | S | 2.10 p.m. |

Relative humidity, 77 a. m. 47 p. m.
Reduced barometer, 30.13 a. m. 30.04 p. m.
River gage, 2.3 ft

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

OCT 28 1912

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) ....., 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 48 | 47 | 46 | 46 | 45 | 45 | 46 | 50 | 56 | 61 | 66 | 62 | 69 | 70 | 70 | 69 | 66 | 63 | 60 | 58 | 56 | 55 | 54 | 53 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Partly Cloudy — | | | | | | — Clear — | | | | | | | | | | | |
| Sunrise: Time, Character, | 6.07 Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character, 4.42 Clear | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 0.2 | 1.0 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | S | SW | SW | SW | SW | SW | S | S | S | S | SE | SE | SE | S | S | S | S |
| Wind movement | 8 | 8 | 8 | 8 | 7 | 6 | 7 | 10 | 11 | 13 | 12 | 10 | 11 | 13 | 13 | 10 | 8 | 10 | 9 | 11 | 10 | 11 | 10 | 11 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 70 | 45 | 58 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase, .....

Average daily cloudiness (0–10), Clear 4

Actual sunshine, hours, 8.0

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 75

Prevailing direction SW

Total movement, 235

Average hourly velocity, 98

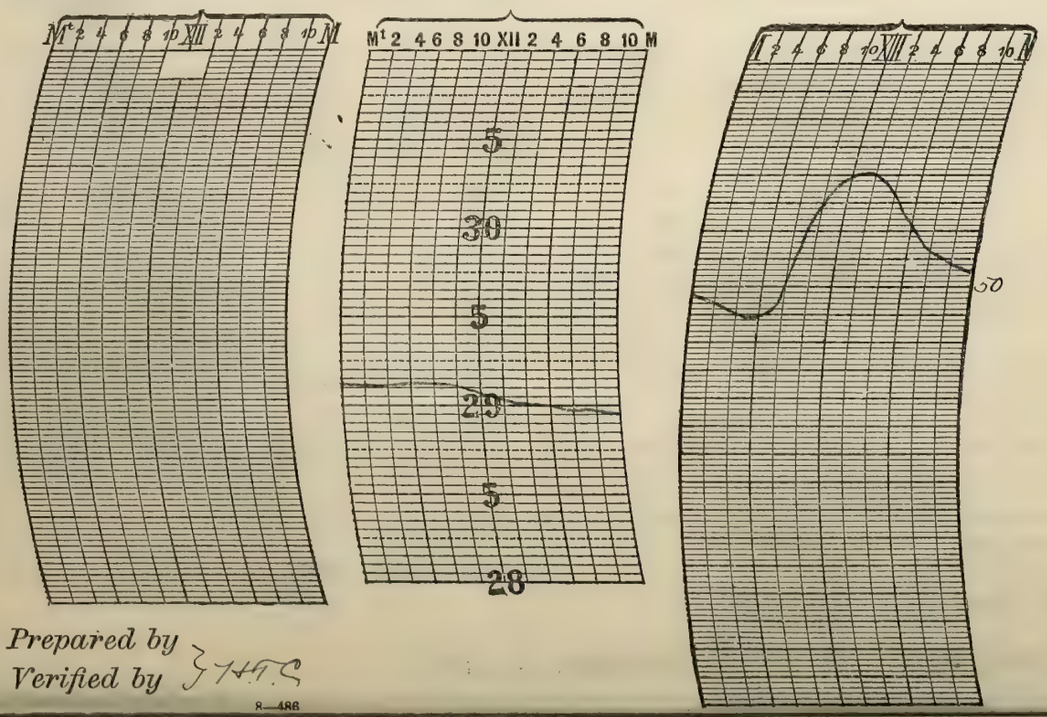
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 Ex 16 | SW | 9.35 a.m |

Relative humidity, 79 a. m. 44 p. m.

Reduced barometer, 30.06 a. m. 29.94 p. m.

River gage, 2.1

NOTES.




Prepared by
Verified by } H.F.S.

8—486

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 29 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 53 | 53 | 52 | 51 | 51 | 53 | 56 | 59 | 61 | 64 | 66 | 68 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Clear | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.4 | 1.0 | 1.0 | 1.0 |
| Wind direction | S | S | S | S | S | S | S | SW | SW | SW | S | SW |
| Wind movement | 11 | 12 | 10 | 11 | 12 | 13 | 17 | 20 | 22 | 23 | 27 | 25 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | 30 S 9.58 | 31 SW 10.58 | 30 SW 11.10 |

Sunrise: Time, 6.07; Character, Cloudy

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 70 | 72 | 69 | 66 | 63 | 61 | 60 | 59 | 58 | 52 | 49 | 46 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | RR 3.30 | | | RE 6.10 | | | | | |
| Amounts of precipitation | | | | 01 | T | T | 01 | | | | | |
| Cloudiness and other conditions | | | | | | | Partly Cloudy | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 0.7 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W |
| Wind movement | 23 | 24 | 17 | 17 | 15 | 17 | 15 | 13 | 15 | 14 | 16 | 11 |
| Maximum velocities (exceeding 29 miles) direction and time | | 30 SW 1.25 | | | | | | | | | | |

Sunset: Time, 4.41; Character, Cloudy

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

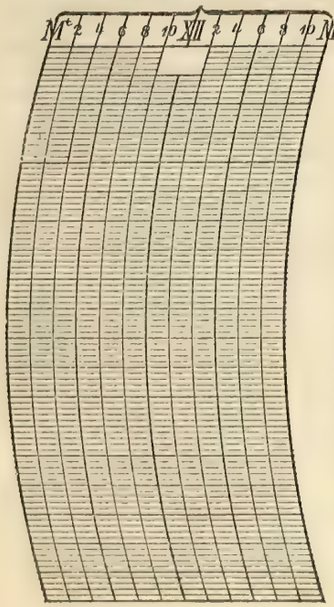
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 72 | 46 | 59 | |

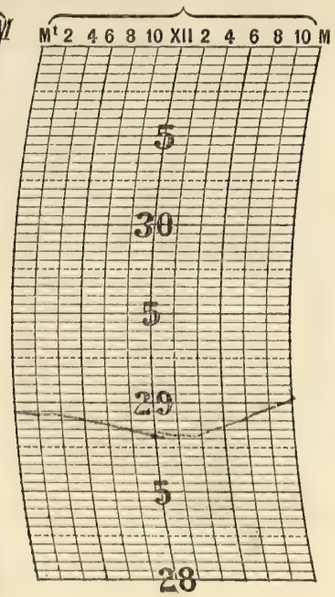
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Partly Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 3.1
Possible sunshine, hours, 10.5
Percentage of possible sunshine, 29
Prevailing direction SW
Total movement, 398
Average hourly velocity, 16.6

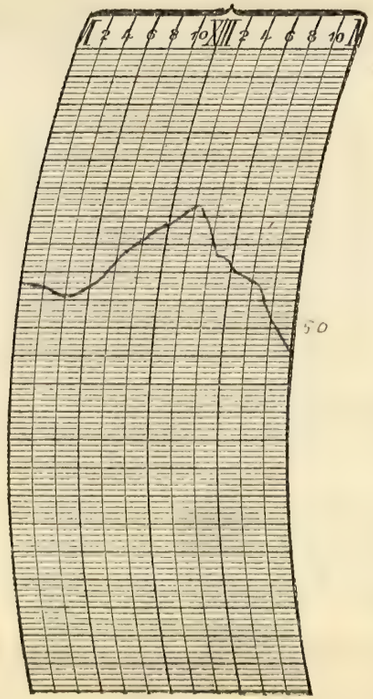
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 31 | SW | 10.58 a.m. |

Ex 31

Relative humidity, 82 a. m. 84 p. m.
Reduced barometer, 29.83 a. m. 29.81 p. m.
River gage, 29 ft.




NOTES.

Sky Cleared 8.00 p.m.

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 30 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 44 | 43 | 42 | 39 | 37 | 36 | 37 | 38 | 40 | 42 | 45 | 48 | 50 | 51 | 53 | 52 | 50 | 49 | 47 | 43 | 41 | 40 | 39 | 39 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — P.Cloudy — | | | | | | — Clear — | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.1 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | W | NW | NW | W | W | W | W | NW | NW | NW | NW | N | N | N | NE | NE |
| Wind movement | 11 | 10 | 11 | 10 | 10 | 9 | 9 | 8 | 9 | 9 | 6 | 7 | 7 | 7 | 7 | 5 | 4 | 2 | 3 | 5 | 6 | 6 | 7 | 6 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 6.10; Character, Cloudy

Sunset: Time, 4.40; Character, Clear

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 53 | 36 | 44 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, P.Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 7.9

Possible sunshine, hours, 10.5

Percentage of possible sunshine, 75

Prevailing direction SW

Total movement, 174

Average hourly velocity, 7.2

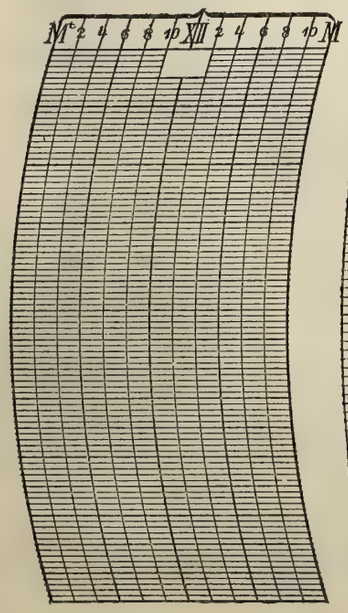
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 Ex 13 | W | 12.15 a.m. |

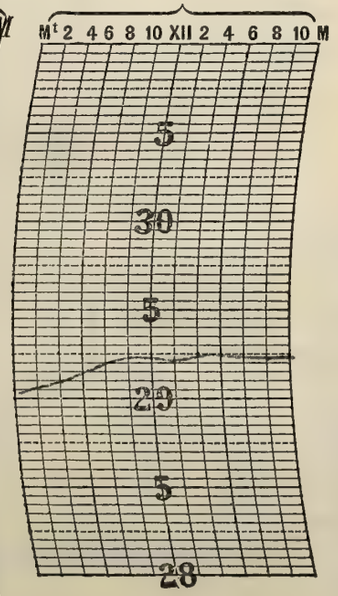
Relative humidity, 83 a. m. 66 p. m.

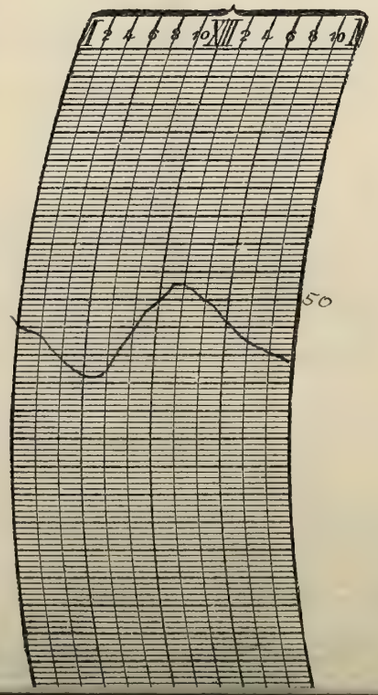
Reduced barometer, 30.12 a. m. 30.21 p. m.

River gage, 2.1 ft.

NOTES.






Prepared by
Verified by } H.T.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 31 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 39 | 39 | 39 | 39 | 39 | 39 | 40 | 41 | 42 | 42 | 44 | 45 |
| Nature of precipitation and time of beginning and ending | | | | | TB DN RE DN | | | | | RB 9.10 | RE 10.35 | |
| Amounts of precipitation | | | | | T | | | | | .01 | .01 | |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | |
| Sunrise: Time, 6.11 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | NE | NE | E | E | NE | NE | NE | E | NE | NE | NE | NE |
| Wind movement | 8 | 7 | 8 | 9 | 6 | 6 | 8 | 8 | 7 | 8 | 10 | 13 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 45 | 45 | 46 | 45 | 44 | 44 | 44 | 44 | 44 | 41 | 41 | 39 |
| Nature of precipitation and time of beginning and ending | | RB 1.50 | | | | | | | | | | |
| Amounts of precipitation | | T | .01 | T | T | T | T | .04 | .03 | .02 | .11 | .13 |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunset: Time, 4.38 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | NE | NE | NE | NE | NE | NE | NE | NE | N | N | N | NW |
| Wind movement | 14 | 11 | 11 | 14 | 11 | 12 | 9 | 9 | 12 | 13 | 14 | 13 |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

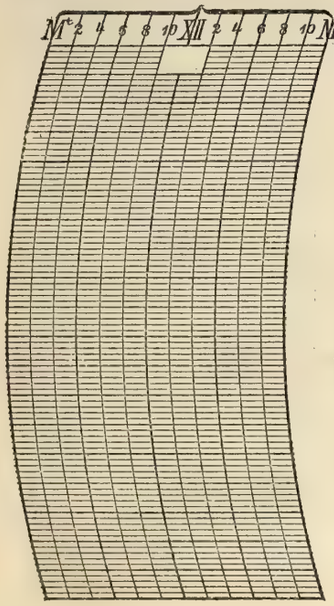
Excessive precipitation, accumulated amounts

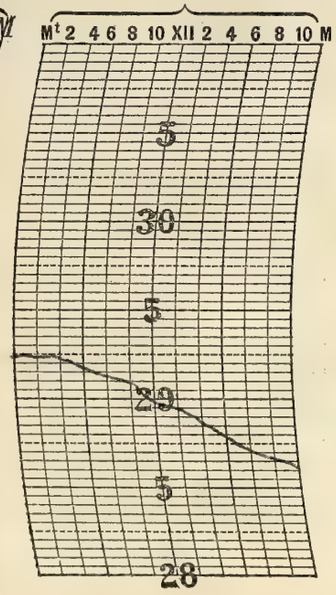
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 46 | 39 | 42 | |

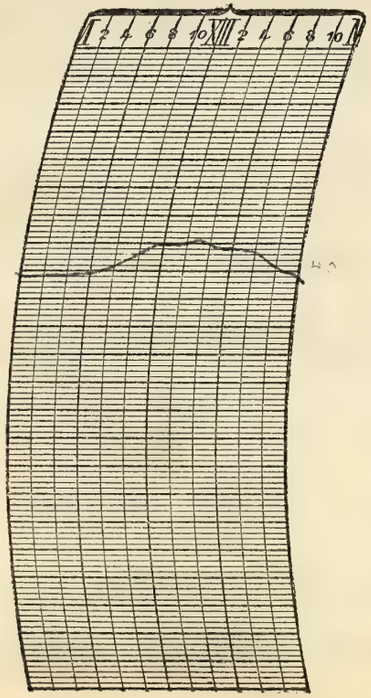
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .35 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.4
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 241
Average hourly velocity, 10.0

Maximum velocity, 19 Direction, NW Time, 9.40 p.m.
Ex 19
Relative humidity, 92 a. m. 43 p. m.
Reduced barometer, 30.09 a. m. 29.69 p. m.
River gage, 2.1 ft.

NOTES.





Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 1 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 38 | 39 | 37 | 34 | 34 | 34 | 36 | 37 | 38 | 39 | 40 | 38 |
| Nature of precipitation and time of beginning and ending | | | | | RE DN | | | | RB 8.10 | | | |
| Amounts of precipitation | .02 | .03 | .01 | .01 | .01 | | | | T | T | T | T |
| Cloudiness and other conditions | | | | | | | | | Cloudy | | | |
| Sunrise: Time, 6.15 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | N | N | NW | NW | NW | NW | NW | NW | W | W | W | NW |
| Wind movement | 15 | 10 | 16 | 19 | 18 | 16 | 14 | 12 | 11 | 13 | 12 | 15 |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 38 | 38 | 38 | 37 | 36 | 35 | 34 | 33 | 33 | 33 | 33 | 33 |
| Nature of precipitation and time of beginning and ending | RE 1.50 | SB 2.40 | | | | SE 5.30 | | SB 7.30 | | SE 7.55 | | |
| Amounts of precipitation | T | T | T | T | T | T | | T | T | T | | |
| Cloudiness and other conditions | | Cloudy | | | | | | | | | | |
| Sunset: Time, 4.35 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 17 | 17 | 17 | 18 | 15 | 11 | 10 | 10 | 9 | 7 | 4 | 4 |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 40 | 33 | 36 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .40 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Cloudy Moon phase, Last Quarter

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 0

Prevailing direction NW

Total movement, 310

Average hourly velocity, 12.9

Maximum velocity, 22 Direction, NW Time. 2.30 p.m.

Relative humidity, 87 a. m. 62 p. m.

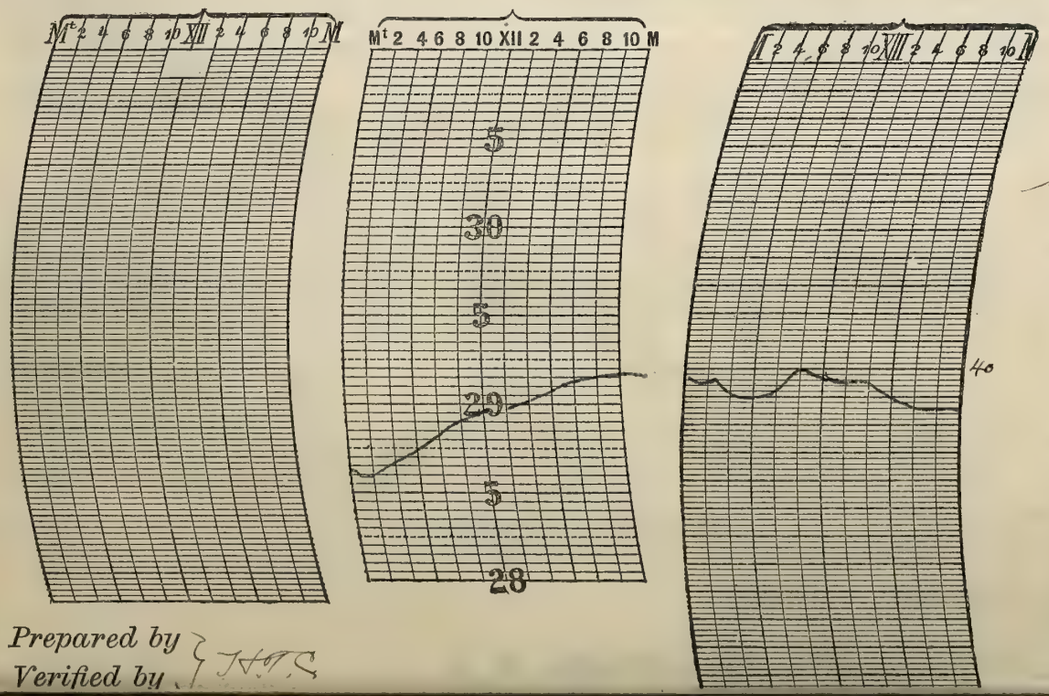
Reduced barometer, 29.75 a. m. 30.10 p. m.

River gage, 2.3 ft.

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts.

NOTES.




Snow flurries during afternoon and evening.

Prepared by
Verified by } J.H.S.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 2 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 33 | 33 | 33 | 33 | 32 | 32 | 32 | 34 | 34 | 35 | 36 | 36 | 37 | 37 | 38 | 37 | 38 | 34 | 32 | 32 | 31 | 30 | 30 | 29 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | Cloudy | | | | | | | | | | |
| Sunrise: Time, 6.13 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.36 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0.6 | 0.1 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | W | W | W | W | W | W | W | W | W | W | W | W | W | SW | W | W | W | W | W | W | W | W | W | W |
| Wind movement | 5 | 4 | 7 | 8 | 7 | 8 | 10 | 10 | 11 | 10 | 11 | 8 | 8 | 10 | 8 | 7 | 7 | 7 | 4 | 3 | 3 | 3 | 3 | 4 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

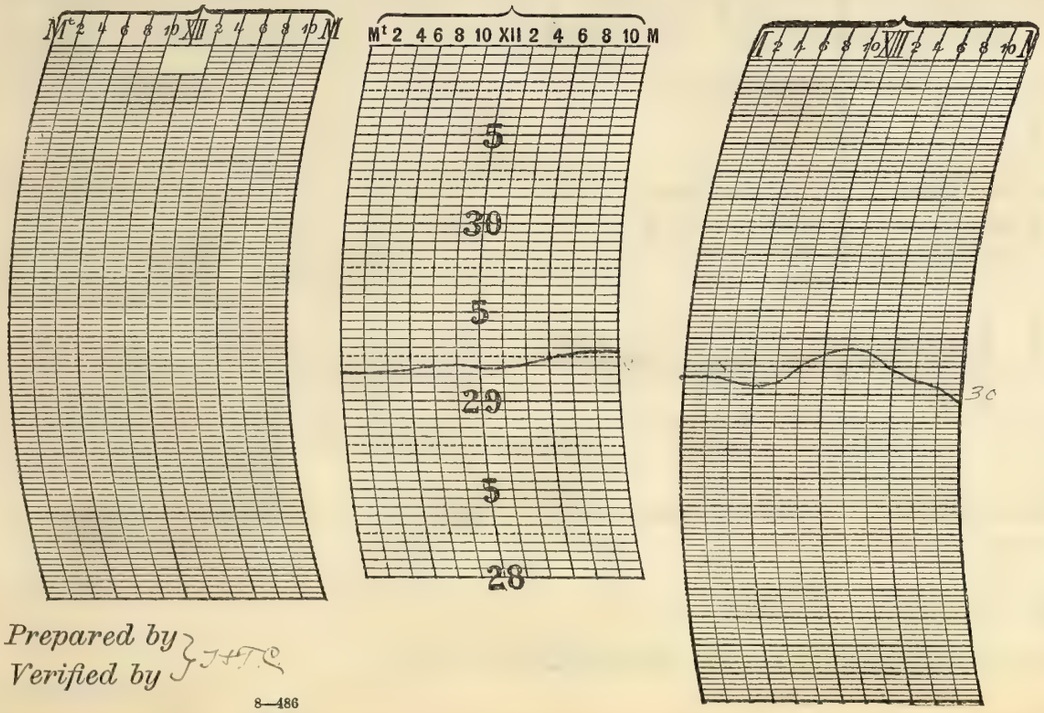
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 38 | 29.28 | 34.23 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 0.7
Possible sunshine, hours, 10.24
Percentage of possible sunshine, 7
Prevailing direction W
Total movement, 166
Average hourly velocity, 6.9

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 13 Ex 13 | W | 8.35 a.m |

Relative humidity, 69 a. m. 69 p. m.
Reduced barometer, 30.14 a. m. 30.26 p. m.
River gage, 2.5 ft

NOTES.




Prepared by
Verified by J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 3 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 27 | 27 | 26 | 26 | 25 | 25 | 25 | 28 | 34 | 38 | 40 | 43 | 44 | 45 | 44 | 44 | 43 | 41 | 39 | 38 | 38 | 38 | 37 | 36 |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Partly cloudy | | | | | | Clear | | | | | | | | | | | |
| Sunrise: Time, 6.15 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.35 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.1 0.9 | 1.0 0 | .58 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | S | S | S | S | SE | S | S | S | S | S | S |
| Wind movement | 4 | 5 | 6 | 4 | 5 | 4 | 5 | 7 | 7 | 9 | 12 | 12 | 13 | 13 | 13 | 13 | 9 | 9 | 11 | 11 | 12 | 12 | 11 | 11 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 45 | 25 | 35 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 8.2

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 80

Prevailing direction SW

Total movement, 218

Average hourly velocity, 9.1

Maximum velocity, 16 Direction, S Time. 2.28 p.m.

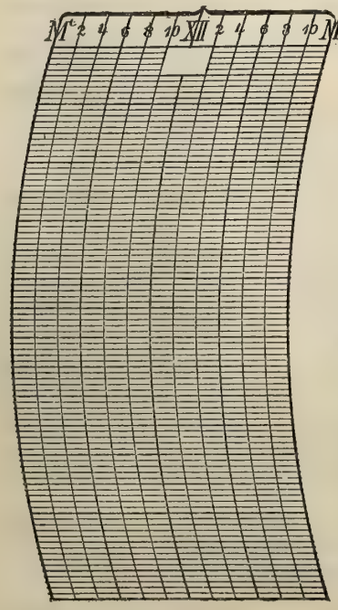
Ex 16

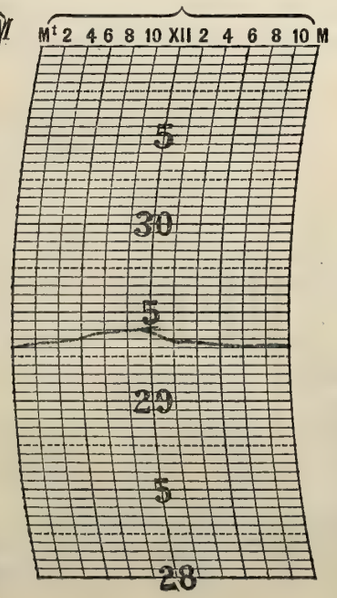
Relative humidity, 75 a. m. 68 p. m.

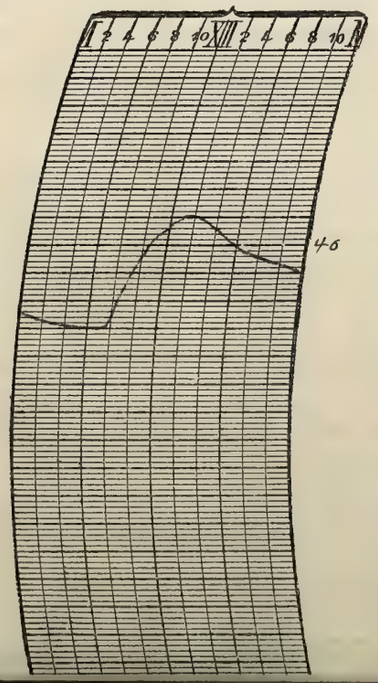
Reduced barometer, 30.33 a. m. 30.24 p. m.

River gage, 2.6 ft

NOTES.






Prepared by
Verified by } H.T.C.

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 4 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 36 | 36 | 36 | 37 | 38 | 38 | 38 | 40 | 45 | 48 | 49 | 49 | 51 | 54 | 54 | 54 | 53 | 51 | 49 | 50 | 49 | 48 | 50 | 49 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | TS 12.40 RE 2.55 | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | T | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | — | Cloudy | — | — | — | — | Cloudy | — | — | — | — | — | — | — | — | — | — |
| Sunshine (in tenths of hours) | | | | 0 | | | 0 | 0 | 0.2 | 0.6 | 0 | 0 | 0.2 | 0.8 | 0.6 | 0 | 0 | | | | | | | 0 |
| Wind direction | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | SW | SW |
| Wind movement | 11 | 12 | 12 | 13 | 14 | 12 | 12 | 14 | 18 | 22 | 22 | 18 | 23 | 27 | 27 | 23 | 22 | 16 | 14 | 16 | 16 | 14 | 15 | 14 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | S 1.40 | SW 2.30 | | | | | | | | | |

Sunrise: Time, 6.16 Character, Cloudy

Sunset: Time, 6.34 Character, Cloudy

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 54 | 36 | 45 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 2.4

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 23

Prevailing direction S

Total movement, 457

Average hourly velocity, 17.0

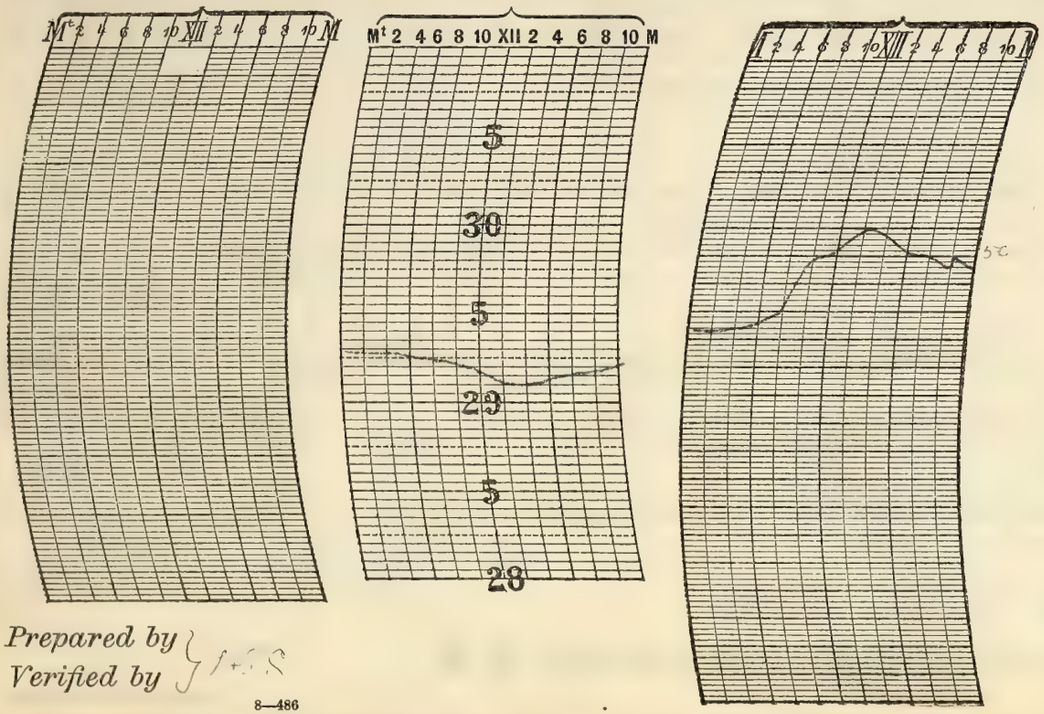
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 32 | S | 1.40 p.m. |
| 32 | | |

Relative humidity, 67 a. m. 61 p. m.

Reduced barometer, 30.16 a. m. 30.08 p. m.

River gage, 2.8 ft

NOTES.




Prepared by
Verified by J. H. S.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 5 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 47 | 47 | 45 | 44 | 43 | 42 | 43 | 46 | 50 | 56 | 58 | 59 | 60 | 60 | 59 | 55 | 54 | 54 | 54 | 54 | 53 | 54 | 54 | 54 |
| | | | | | | | | | | | | | | | | TRB 3.00 | | | RE 6.30 | | | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | .06 | .03 | .08 | .01 | | | | | |
| Cloudiness and other conditions | | | | | | | | | Pt Cloudy | | | | | | Cloudy | | | | | | | | | |
| Sunrise: Time, 6.17 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.22 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.4 | 1.0 | 0.9 | 0 | 0.1 | 0.6 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | S | S | S | S | S | S | S | SW | S | S | S | S | S | S | S | S | S | SE | SE | SE | S |
| Wind movement | 12 | 12 | 10 | 11 | 11 | 11 | 11 | 11 | 13 | 16 | 16 | 17 | 19 | 19 | 15 | 14 | 10 | 9 | 11 | 9 | 7 | 11 | 12 | 10 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 60 | 42 | 51 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .18 ins.

Total precipitation, midnight to midnight, .18 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 3.0

Possible sunshine, hours, ~~12.2~~ 10.2

Percentage of possible sunshine, 29

Prevailing direction S

Total movement, 297

Average hourly velocity, 12.4

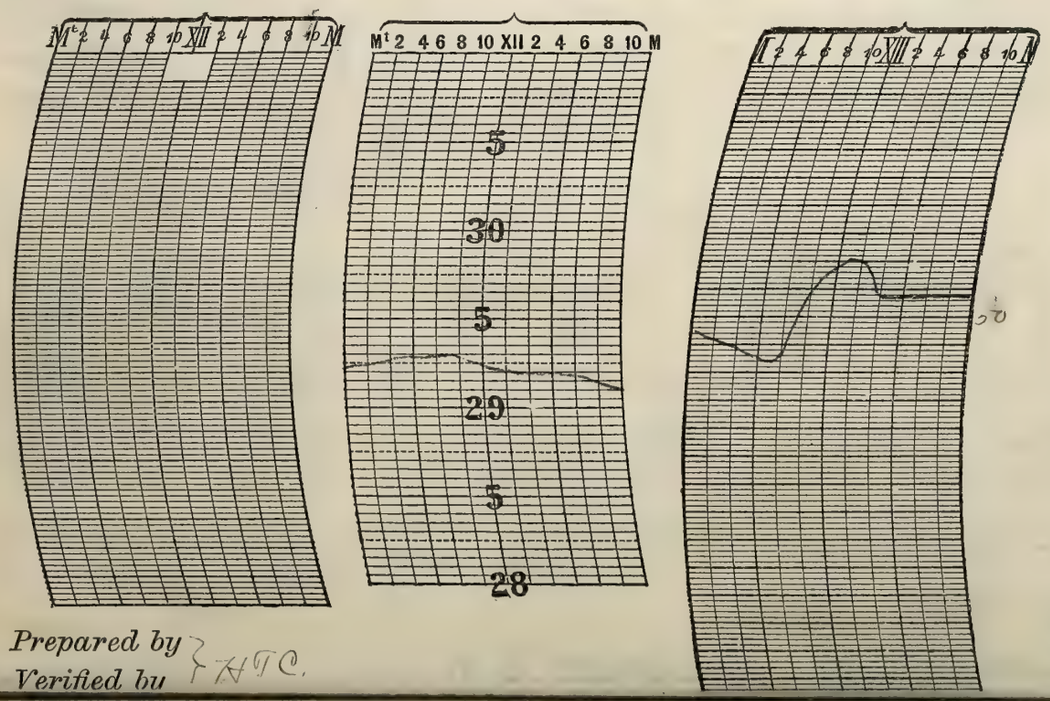
| Maximun. velocity, | Direction, | Time. |
|---|---|---|
| 23 | S | 1.16 p.m. |
| Ex 24 | 70 | 88 |

Relative humidity, a. m. p. m.

Reduced barometer, 30.22 a. m. 30.21 p. m.

River gage, 3.0 ft.

NOTES.




Prepared by
Verified by } HTC.

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 6 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 54 | 54 | 54 | 55 | 54 | 54 | 53 | 53 | 53 | 54 | 55 | 56 | 57 | 58 | 57 | 57 | 57 | 57 | 56 | 56 | 53 | 49 | 49 | 49 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | RB DN | | | | | | | | | | | | | | | | | | | RE 0.35 | |
| Amounts of precipitation | | | | .01 | .01 | .05 | .08 | .09 | .09 | .22 | .15 | .07 | .02 | .02 | T | .01 | T | T | .01 | .01 | T | .01 | T | |
| Cloudiness and other conditions | | | | | | | — | Cloudy | | | | — | — | Cloudy | | | | | | | | | | |
| Sunrise: Time, 6.18 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.31 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | SW | SW | SW | SW | NW | NW | N | N |
| Wind movement | 6 | 7 | 8 | 11 | 10 | 12 | 13 | 13 | 13 | 10 | 10 | 7 | 11 | 12 | 11 | 11 | 10 | 8 | 8 | 6 | 8 | 14 | 12 | 10 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 58 | 49 | 54 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .15 ins.; to 7 p. m., .68 ins.

Total precipitation, midnight to midnight, .85 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 0

Prevailing direction S

Total movement, 243

Average hourly velocity, 10.1

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 | S | 7.10 a.m. |

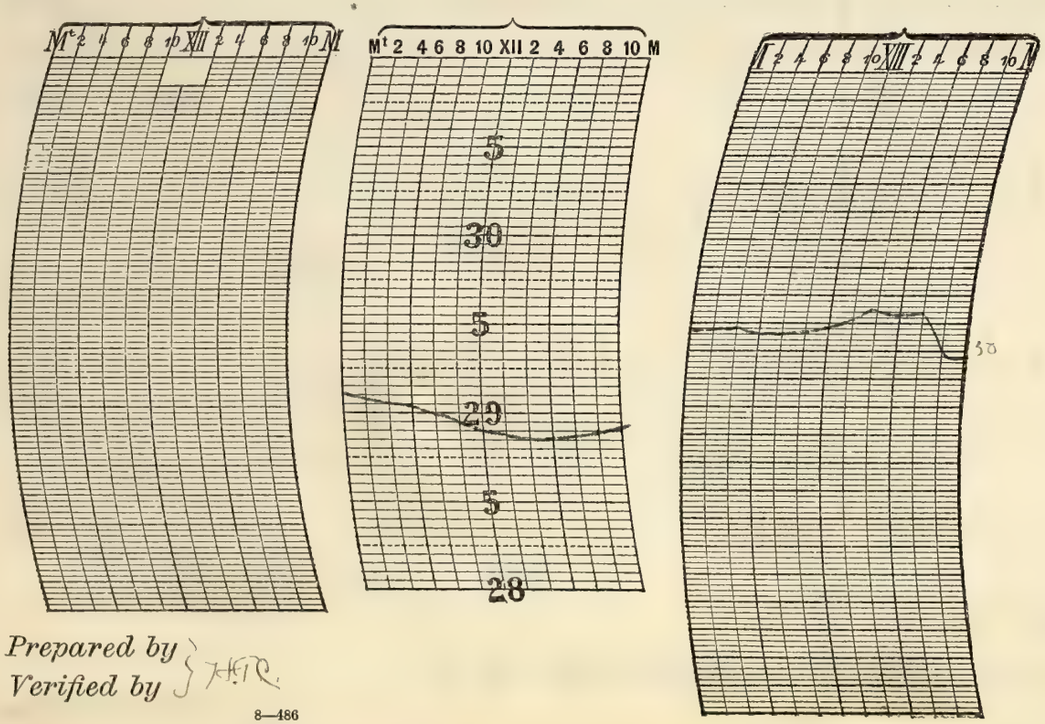
Relative humidity, 100 a. m. 88 p. m.

Reduced barometer, 29.93 a. m. 30.07 p. m.

River gage, 3.8 ft

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

NOTES.




Prepared by
Verified by } J.H.R.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 7 1912, 191

Time (local standard) 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 49 | 49 | 47 | 45 | 44 | 44 | 43 | 42 | 43 | 45 | 46 | 47 | 48 (52) | 51 | 51 | 50 | 50 | 48 | 44 | 44 | 43 | 42 | 41 | 40 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | | Pt Cloudy | | | | — | Clear | | | | | | | | | | |
| Sunrise: Time, Character | 6.19 Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character | 4.30 Clear | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 (0.3) | 0 (.50) | | | | | | | |
| Wind direction | N | NW | NW | NW | NW | N | N | N | N | NW | N | NW | NW | NW | NW | NW | NW | NW | N | NW | O | NW | NW | NW |
| Wind movement | 9 | 12 | 15 | 13 | 15 | 8 | 10 | 10 | 9 | 12 | 11 | 11 | 10 | 12 | 10 | 9 | 6 | 3 | 3 | 3 | 0 | 1 | 2 | 1 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

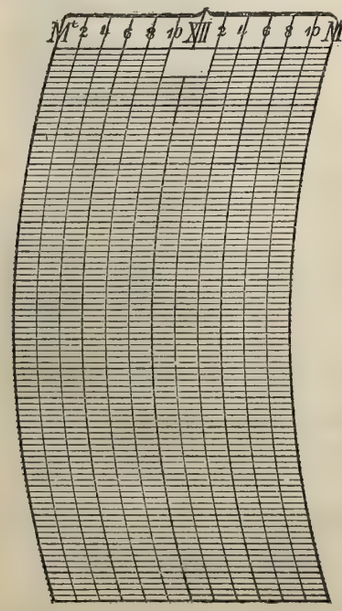
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 52 | 40 | 46 | |

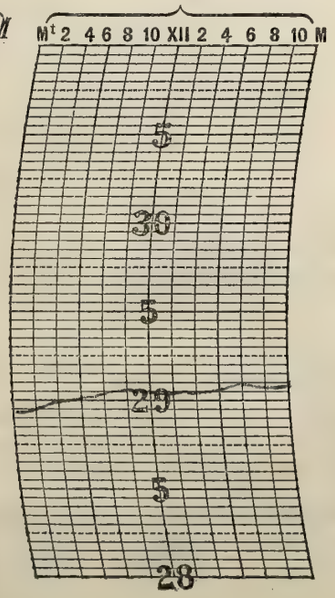
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2.2
Actual sunshine, hours, 6.9
Possible sunshine, hours, 10.2
Percentage of possible sunshine, 68
Prevailing direction NW
Total movement, 195
Average hourly velocity, 8.1

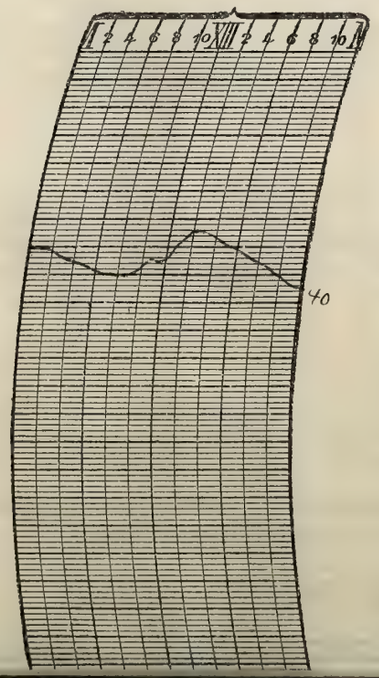
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 18 Ex 18 | NW | 4.15 a.m. |

Relative humidity, 70 a. m. 85 p. m.
Reduced barometer, 29.96 a. m. 30.01 p. m.
River gage, 4.5 ft.

NOTES.

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# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 8 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 39 | 39 | 39 | 38 | 38 | 39 | 39 | 42 | 45 | 48 | 50 | 54 | 55 | 54 | 54 | 50 | 49 | 48 | 47 | 45 | 45 | 43 | 43 | 43 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | PCloudy | | | | | — | PCloudy | | — | | | | | | | | |
| Sunrise: Time, Character | 6.21 Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character 4.30 Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 0 | 0 | | | | | | | |
| Wind direction | NW | E | SE | S | S | S | S | SW | SW | SW | W | W | W | W | W | W | W | W | W | W | W | NW | W | W |
| Wind movement | 1 | 2 | 5 | 8 | 9 | 10 | 13 | 13 | 16 | 18 | 19 | 21 | 24 | 25 | 23 | 26 | 17 | 15 | 15 | 18 | 19 | 14 | 4 | 18 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | 30 W 3.30 | | | | | | | | |

1 hours slower than 75th meridian time.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 55 | 38 | 46 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, PCloudy Moon phase, New Moon

Average daily cloudiness (0–10) 5.5

Actual sunshine, hours, 5.7

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 56

Prevailing direction W

Total movement, 363

Average hourly velocity, 15.1

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 30 Ex 30 | W | 3.30 p.m. |

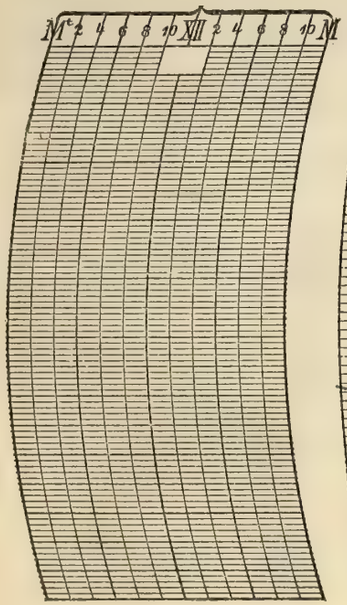
Relative humidity, 76 a. m. 47 p. m.

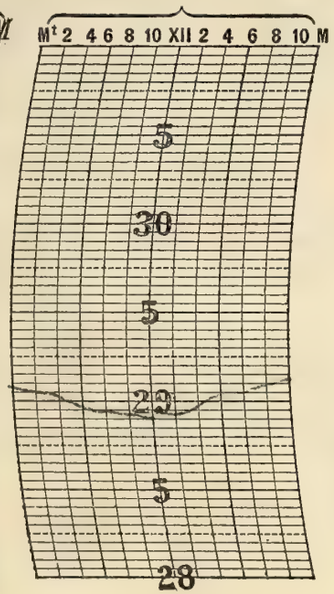
Reduced barometer, 29.89 a. m. 29.99 p. m.

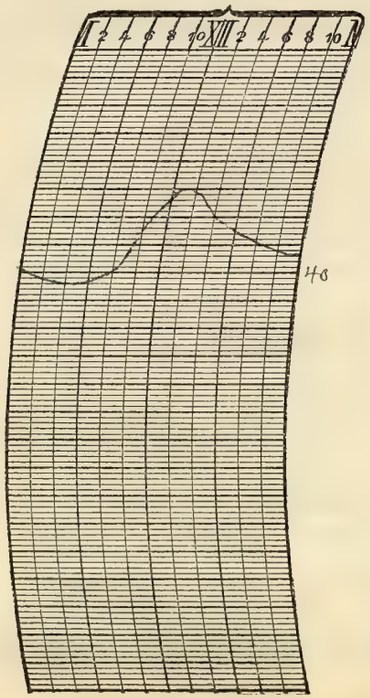
River gage, 6.24

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 9 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 43 | 43 | 41 | 41 | 40 | 40 | 39 | 40 | 41 | 42 | 43 | 45 | 47 | 48 | 46 | 45 | 45 | 45 | 44 | 43 | 44 | 44 | 44 | 45 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Cloudy — | | | | | | — Cloudy — | | | | | | | | | | | |
| Sunrise: Time, 6.22 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.28 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0.6 | 1.0 | 0.8 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | W | NW | W | W | NW | W | W | W | W | NW | NW | W | W | SW | SW | SW | SW | SW | SW | S | S | S | SE | S |
| Wind movement | 16 | 18 | 15 | 15 | 15 | 11 | 11 | 9 | 11 | 12 | 12 | 9 | 11 | 9 | 12 | 8 | 5 | 5 | 5 | 7 | 7 | 6 | 5 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 48 | 39 | 44 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 2.4

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 24

Prevailing direction W

Total movement, 239

Average hourly velocity, 10.0

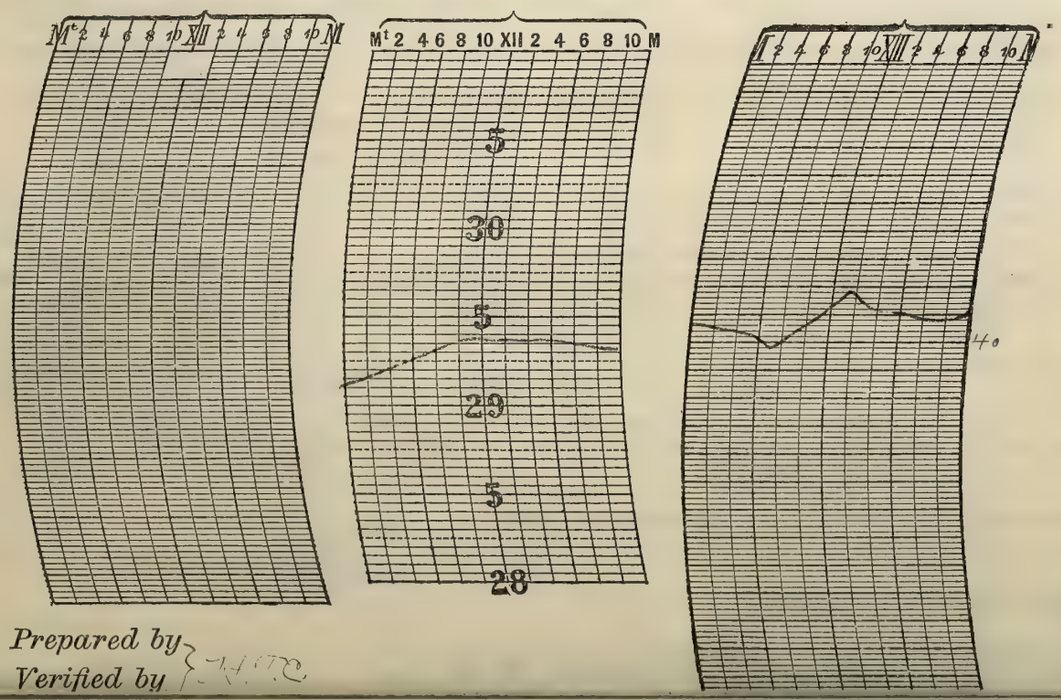
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 23 Ex 24 | NW | 1.10 a.m. |

Relative humidity, 68 a. m. 77 p. m.

Reduced barometer, 30.25 a. m. 30.29 p. m.

River gage, 6.4 ft

NOTES.




Prepared by
Verified by

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 10 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 45 | 45 | 45 | 47 | 47 | 48 | 48 | 50 | 52 | 55 | 59 | 63 | 64 | 65 | 64 | 64 | 62 | 60 | 58 | 58 | 57 | 55 | 55 | 54 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, 6.23; Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.27; Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | 0 | 0 | | | | | | | |
| Wind direction | SE | SE | SE | SE | S | S | S | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 4 | 5 | 9 | 10 | 10 | 12 | 11 | 11 | 14 | 17 | 20 | 19 | 20 | 17 | 18 | 12 | 7 | 7 | 9 | 11 | 9 | 10 | 10 | 11 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 65 | 44.5 | 54.4 | |

Total depth of snow for 24 hours ending 7 p. m., 9 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 6.3

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 62

Prevailing direction SW

Total movement, 283

Average hourly velocity, 11.8

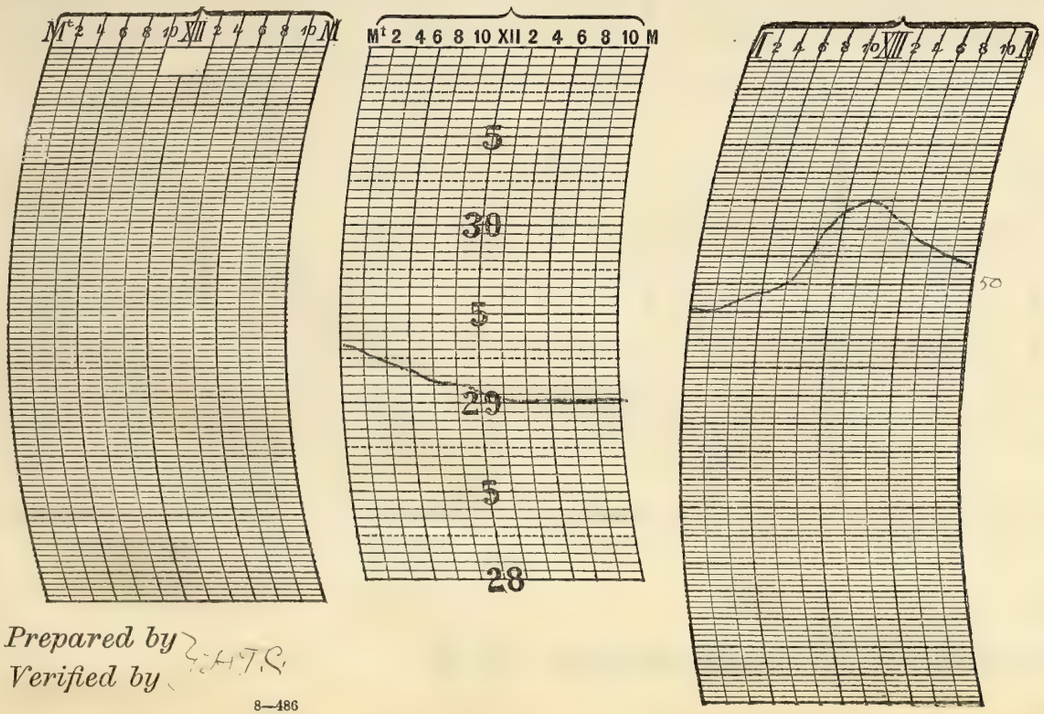
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 24 | SW | 12 10 p.m. |
| Ex 25 | | |

Relative humidity, 67 a. m. 67 p. m.

Reduced barometer, 30.06 a. m. 29.96 p. m.

River gage, 54.4 ft

NOTES.




Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 11 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 53 | 53 | 53 | 53 | 52 | 51 | 52 | 55 | 60 | 62 | 67 | 69 | 70 | 71 | 71 | 70 | 67 | 66 | 64 | 64 | 62 | 60 | 59 | 59 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, 6.24 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.26 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 ~~1.0~~ | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | ~~20~~ 11 | 11 | 11 | 11 | 12 | 13 | 14 | 16 | 17 | 21 | 21 | 26 | 26 | 22 | 21 | 17 | 12 | 16 | 16 | 14 | 15 | 14 | 15 | 13 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | 30 50 1.20 | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 71 | 51 | 61 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 6.4

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 64

Prevailing direction SW

Total movement, 385

Average hourly velocity, 16.0

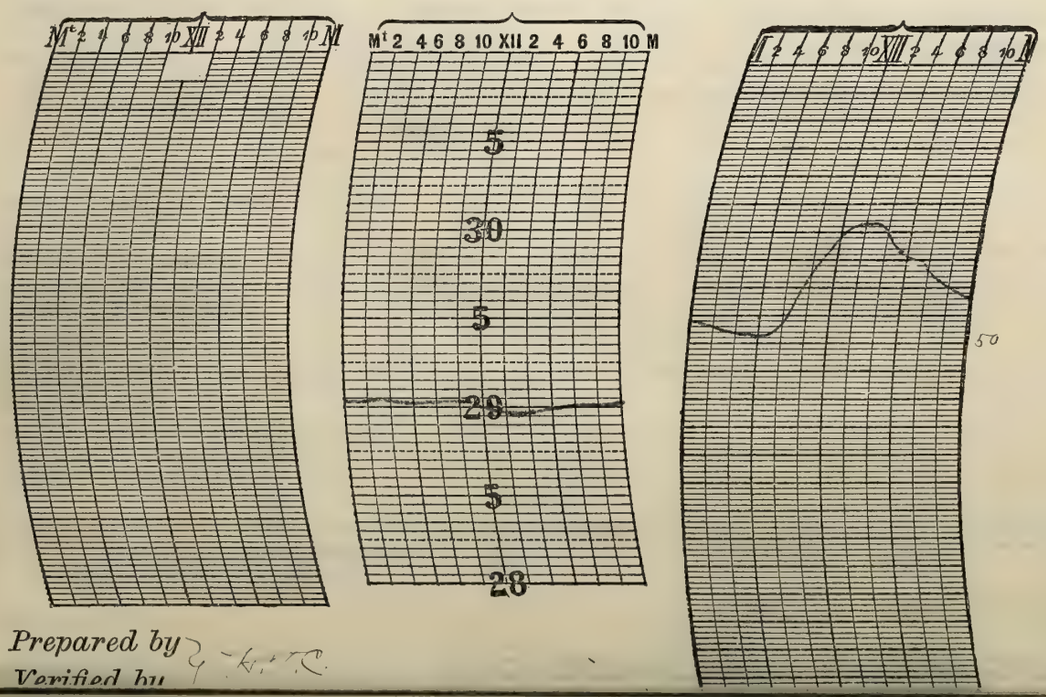
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 30 | SW | 11.20 a.m. |
| Ex-30 | | |

Relative humidity, 81 a. m. 61 p. m.

Reduced barometer, 29.96 a. m. 29.92 p. m.

River gage, 4.7 ft.

NOTES.




Prepared by

Verified by

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 12 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 58 | 58 | 57 | 56 | 55 | 54 | 54 | 55 | 57 | 59 | 61 | 62 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | |
| Sunrise: Time, Character, | 6.25 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 12 | 11 | 9 | 11 | 12 | 12 | 13 | 14 | 14 | 15 | 13 | 13 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 62 | 62 | 62 | 63 | 62 | 62 | 61 | 61 | 61 | 61 | 61 | 61 |
| State of weather: Nature of precipitation and time of beginning and ending | RB 12.20 | | | | RE 4.20 | | | RB 7.15 | RE 8.25 | | | |
| Amounts of precipitation | T | T | T | T | T | | | .01 | T | | | |
| Cloudiness and other conditions | | Cloudy | | | | | | | | | | |
| Sunset: Time, Character, | | | | | | | | | 4.25 Cloudy | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | S | S | S | S | S | S | S | S | S | S | S |
| Wind movement | 13 | 12 | 12 | 12 | 12 | 12 | 15 | 15 | 15 | 13 | 12 | 13 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 63 | 54 | 58 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 307

Average hourly velocity, 12.8

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 | SW | 11.35 p.m. |

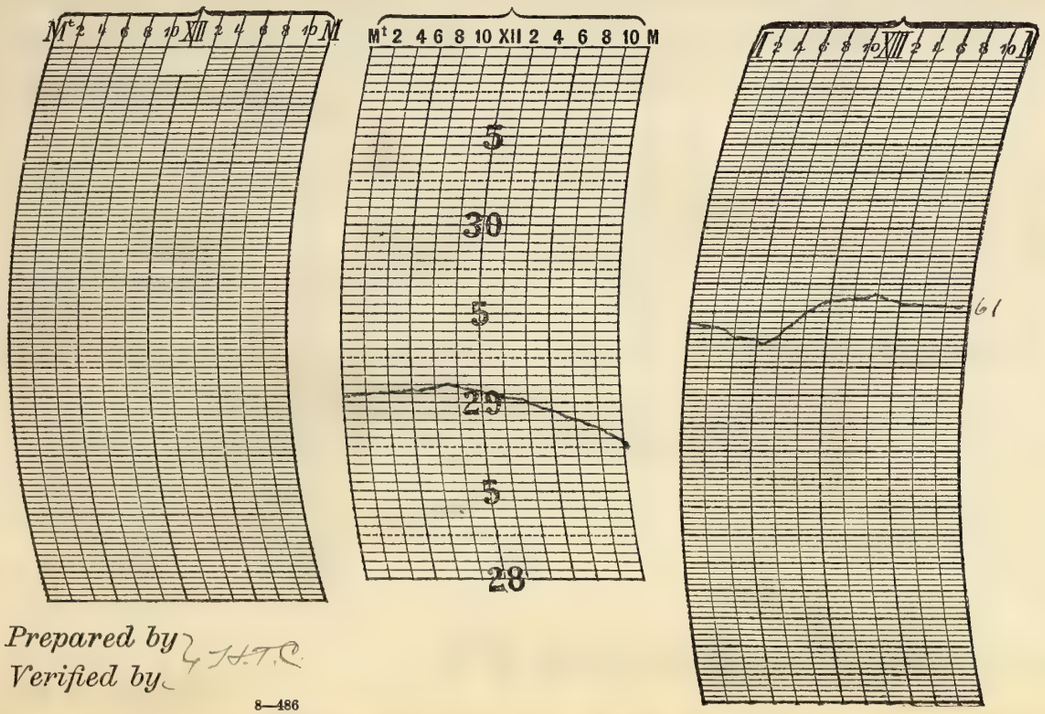
Ex 19

Relative humidity, 76 a. m. 84 p. m.

Reduced barometer, 29.99 a. m. 29.83 p. m.

River gage, 4.3 ft.

NOTES.




Prepared by
Verified by H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 13 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 61 | 61 | 59 | 56 | 56 | 48 52 | 49 | 49 | 49 | 49 | 48 | 45 |
| | | | | | | RB DN | RL 6.30 | RB 7.02 | | | | |
| Stage of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | T | .01 | T | T | T | T | T |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | |
| Sunrise: Time, 6.26 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | S | S | SW | SW | S | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 16 | 16 | 20 | 8 | 13 | 23 | 19 | 25 | 22 | 22 | 23 | 23 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | 30 SW 4.58 | 31 SW 5.25 | | 30 SW 7.10 | | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 43 | 42 | 40 | 39 | 39 | 39 | 38 | 38 | 37 | 38 | 37 | 38 |
| Stage of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | T | T | T | T | .01 | T | T | T | T | T | T | T |
| Cloudiness and other conditions | | Cloudy | | | | | | | | | | |
| Sunset: Time, 4.25 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | W | W | W | W | W | W | W | W | W | SW | SW | SW |
| Wind movement | 22 | 25 | 24 | 20 | 17 | 18 | 15 | 19 | 18 | 18 | 19 | 19 |
| Maximum velocities (exceeding 29 miles) direction and time | | 32 W 1.10 | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. |
|---|---|---|---|---|---|
| | | | | | |

Excessive precipitation, accumulated amounts

| Accumulated depths during excessive rate, for consecutive periods of time indicated below. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 61 | 37 | 49 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 465

Average hourly velocity, 19.0

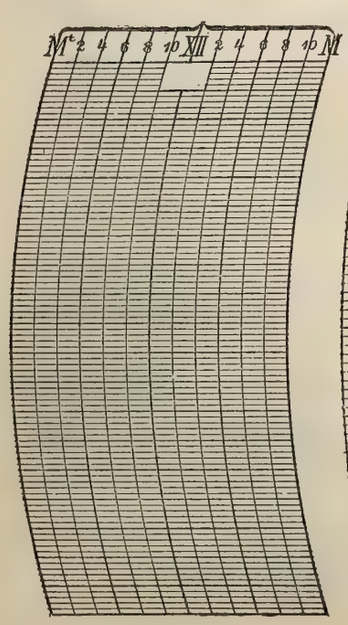
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 33 E 35 | W | 1.10 p.m. |

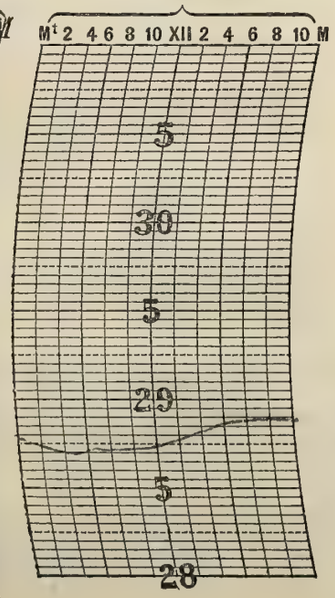
Relative humidity, 93 a. m. 100 p. m.

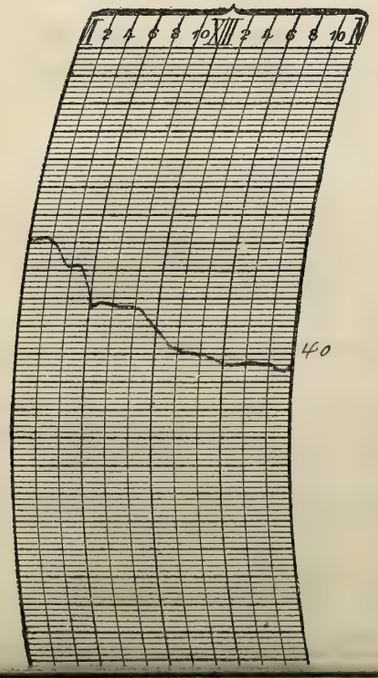
Reduced barometer, 29.61 a. m. 29.79 p. m.

River gage, 3.9 ft.

NOTES.




Prepared by
Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 14 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 37 | 35 | 35 | 35 | 35 | 34 | 34 | 35 | 35 | 36 | 37 | 38 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 33 | 33 | 33 | 33 | 33 |
| | | | | | RE DN | | SB 6.35 | | 0 | SE 9.40 | | | | | | | | | | | | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | T | .01 | T | T | T | | T | T | .01 | T | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | | Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | W | W | SW | SW | W | W | W | W | W | W | W | W | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | N | N |
| Wind movement | 15 | 16 | 16 | 18 | 18 | 19 | 17 | 17 | 13 | 18 | 17 | 15 | 15 | 16 | 15 | 14 | 15 | 13 | 18 | 18 | 15 | 9 | 7 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 6.28 Character, Cloudy

Sunset: Time, 4.24 Character, Cloudy

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 39 | 33 | 36 | |

Total depth of snow for 24 hours ending 7 p. m., 0.7+ inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.7 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 0

Prevailing direction W, NW

Total movement, 362

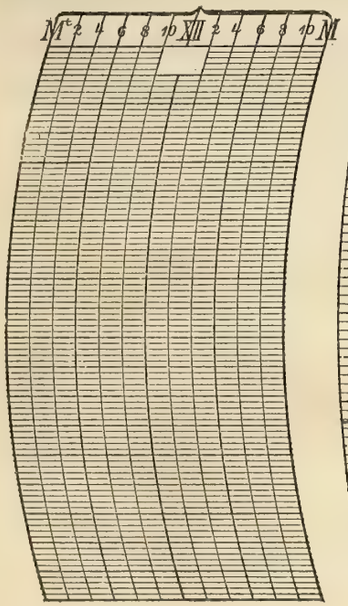
Average hourly velocity, 15.1

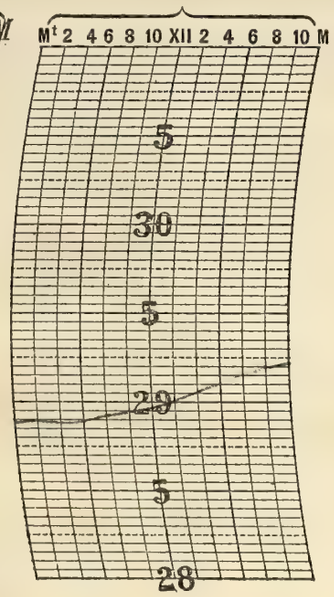
Maximum velocity, 24 Direction, NW Time. 7.00 p m.

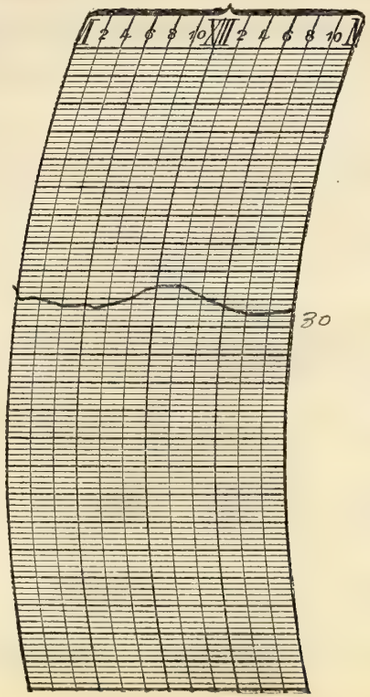
Relative humidity, 95 a. m. 71 p. m.

Reduced barometer, 29.86 a. m. 30.09 p. m.

River gage, 3.7 ft.






melted as it fell

## NOTES.

Snowflurries during forenoon

Prepared by J. A. T. C.
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 15 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 33 | 31 | 31 | 30 | 30 | 30 | 31 | 31 | 31 | 32 | 35 | 38 | 40 | 41 (42) | 41 | 40 | 39 | 37 | 38 | 38 | 37 | 34 | 32 | 30 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Pt Cloudy — | | | | | | | — Clear — | | | | | | | | | | |
| Sunrise: Time, Character | 6.29 Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character 4.23 Clear | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 (0.8, 38) | 0 | | | | | | | |
| Wind direction | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | W | W | W | W | W | W | W | W | SW | SW |
| Wind movement | 11 | 8 | 5 | 4 | 4 | 8 | 10 | 9 | 9 | 9 | 13 | 10 | 10 | 9 | 8 | 7 | 6 | 7 | 4 | 2 | 3 | 3 | 4 | 5 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 42 | 30 | 36 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 8.2

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 83

Prevailing direction NW

Total movement, 168

Average hourly velocity, 7.0

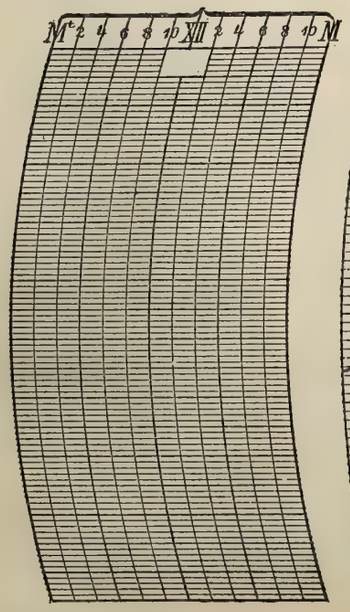
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 Ex 21 | NW | 12.45 AM. |

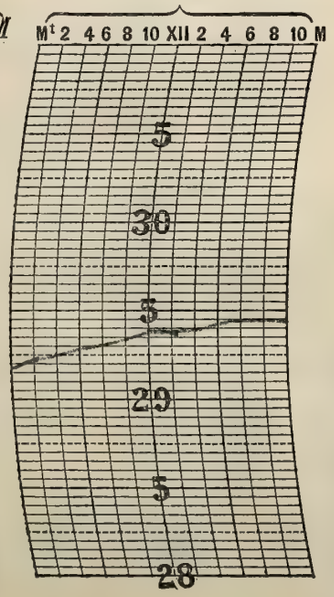
Relative humidity, 69 a. m. 86 p. m.

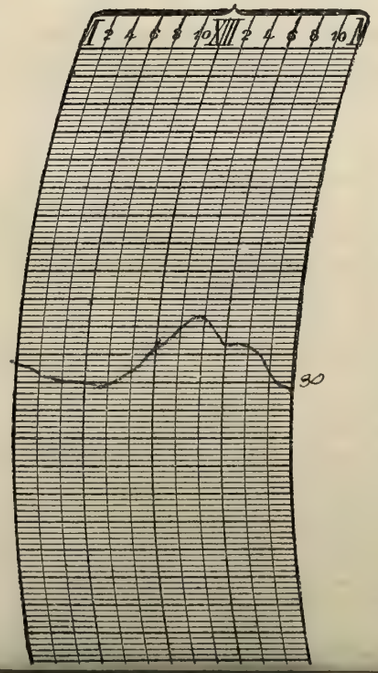
Reduced barometer, 30.29 a. m. 30.38 p. m.

River gage, 3.5 ft.

NOTES.






Prepared by

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 16 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 31 | 30 | 29 | 29 | 27 | 27 | 28 | 32 | 37 | 41 | 45 | 47 | 50 | 50 | 49 | 45 | 40 | 41 | 41 | 41 | 41 | 41 | 40 | 39 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, 6:30 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4:22 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | | .50 0 | 1.0 0 | 1.0 0 | 0.9 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 0.4 | 1.0 0 | .37 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | NW | W | W | W | SW | SW |
| Wind movement | 4 | 4 | 6 | 5 | 6 | 7 | 9 | 11 | 12 | 14 | 17 | 17 | 20 | 19 | 16 | 15 | 12 | 10 | 13 | 11 | 10 | 7 | 8 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 50 | 27 | 38 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, First Quarter

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 9.9

Possible sunshine, hours, 9.8 9.9

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 262

Average hourly velocity, 10.9

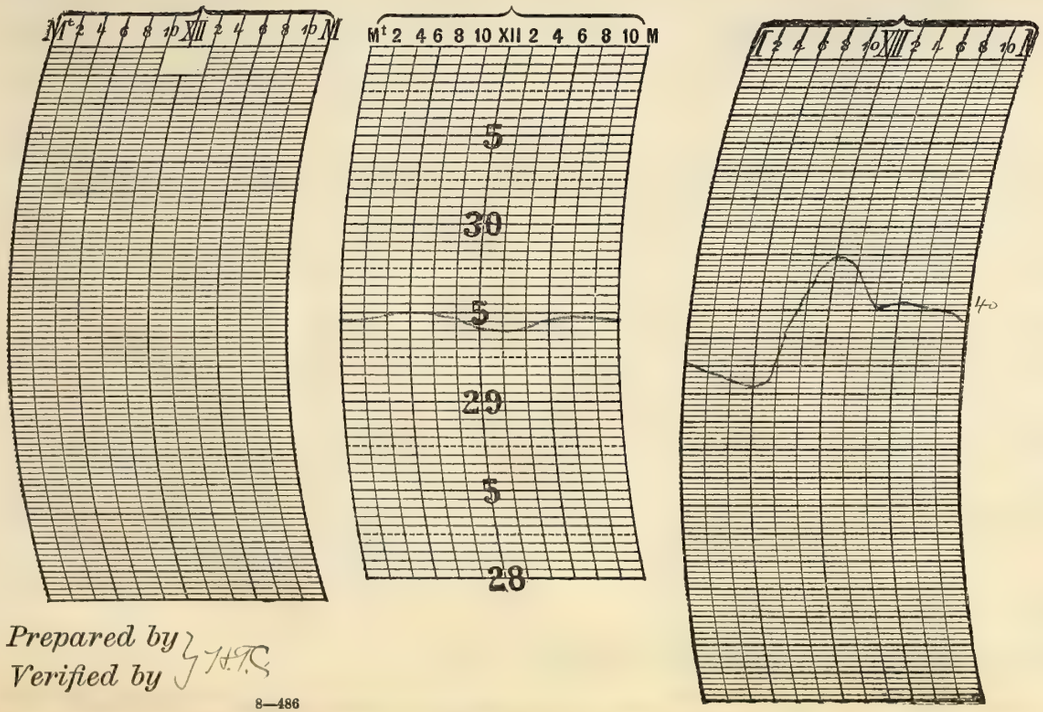
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 22 Ex 22 | SW | 12.35 p.m. |

Relative humidity, 50 a. m. 77 p. m.

Reduced barometer, 30.45 a. m. 30.40 p. m.

River gage, 3.4 ft

NOTES.




Prepared by
Verified by G.H.P.S.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 17 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 36 | 36 | 34 | 33 | 32 | 31 | 30 | 32 | 35 | 39 | 40 | 43 | 44 | 44 | 44 | 43 | 42 | 41 | 39 | 39 | 39 | 37 | 37 | 35 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — Pt Cloudy — | | | | | | Pt Cloudy | | | | | | | | | | | |
| Sunrise: Time, 6.31 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.21 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.4 | 1.0 | 1.0 | 1.0 | 0.8 | 0.2 | 0 | 0 | 0 | | | | | | | |
| Wind direction | W | W | SW | SW | SW | SW | SW | SW | W | W | W | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 8 | 7 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 10 | 12 | 13 | 13 | 13 | 12 | 10 | 9 | 9 | 10 | 10 | 7 | 9 | 11 | 8 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 44 | 30 | 37 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 4.4

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 45

Prevailing direction SW

Total movement, 225

Average hourly velocity, 9.4

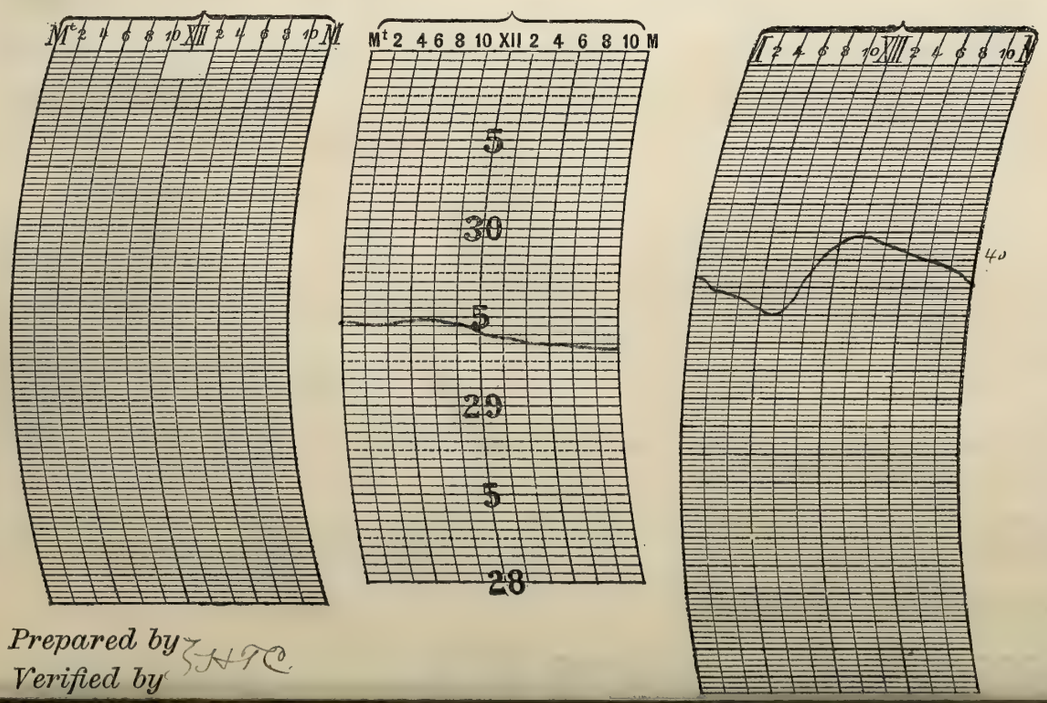
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 Ex 18 | SW | 2.10 p.m. |

Relative humidity, 78 a. m. 76 p. m.

Reduced barometer, 30.43 a. m. 30.28 p. m.

River gage, 3.3 ft.

NOTES.




Prepared by
Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 18 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 34 | 33 | 33 | 32 | 31 | 31 | 31 | 34 | 35 | 39 | 45 | 48 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | |
| Sunshine (in tenths of hours) | | | | | | | .47 0 | 1.0 0 | 1.0 0 | 0.7 0.3 | 1.0 | 1.0 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | S |
| Wind movement | 9 | 8 | 7 | 7 | 6 | 7 | 8 | 7 | 8 | 7 | 7 | 10 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 50 | 53 | 53 | 52 | 51 | 49 | 46 | 45 | 44 | 43 | 41 | 40 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | Clear | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 0.8 | 1.0 0 | .33 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 13 | 13 | 12 | 8 | 7 | 7 | 9 | 11 | 13 | 12 | 11 | 11 |

Sunrise: Time, 6.32 Character, Clear

Sunset: Time, 4.26 Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 53 | 31 | 42 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 1

Actual sunshine, hours, 9.6

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 98

Prevailing direction SW

Total movement, 219

Average hourly velocity, 9.1

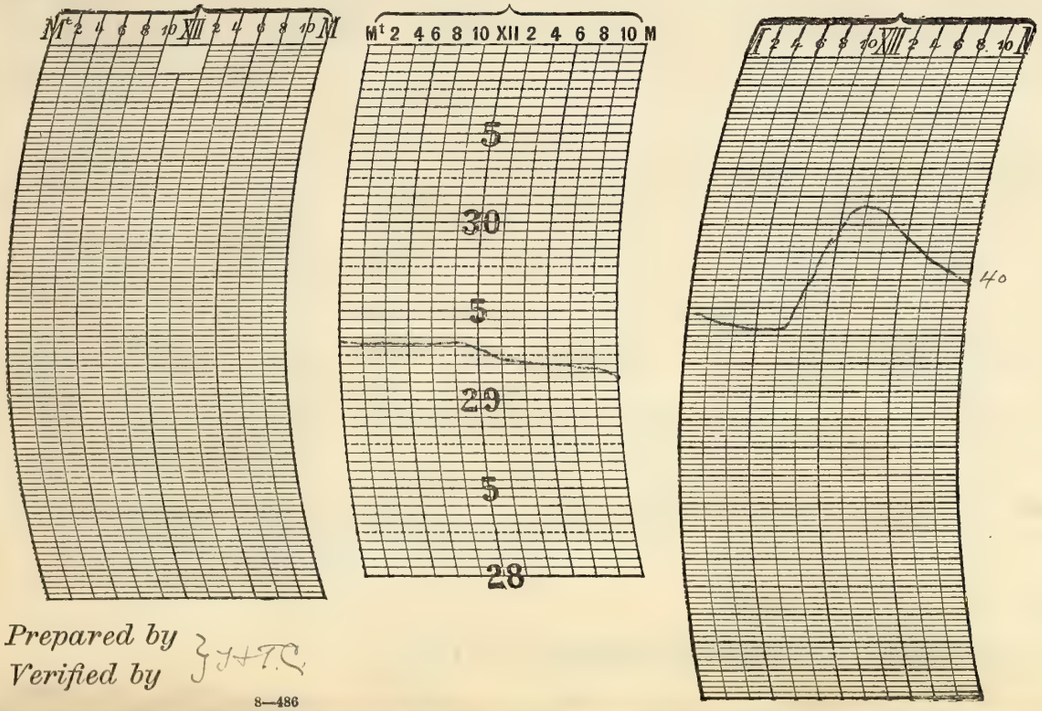
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 | SW | 8.30 p.m. |

Relative humidity, 69 a. m. 49 p. m.

Reduced barometer, 30.24 a. m. 30.11 p. m.

River gage, #1 ft 5.1 ft.

NOTES.




Prepared by
Verified by } J.H.T.S.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 1 0 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 39 | 37 | 36 | 36 | 36 | 36 | 36 | 40 | 43 | 46 | 49 | 53 | 56 | 59 | 59 | 58 | 55 | 52 | 49 | 48 | 46 | 45 | 44 | 43 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, 6.33 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.20 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | | .43 0 | 1.0 0 | .02 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | .07 0.3 | .33 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 11 | 11 | 12 | 12 | 12 | 13 | 12 | 13 | 14 | 16 | 14 | 14 | 17 | 13 | 13 | 11 | 9 | 9 | 9 | 10 | 9 | 9 | 9 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 59 | 36 | 48 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 9.8

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 281

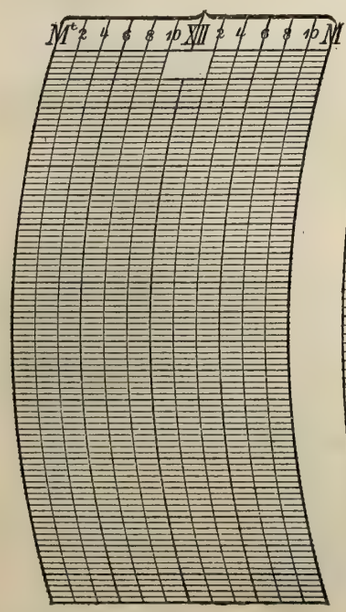
Average hourly velocity, 11.7

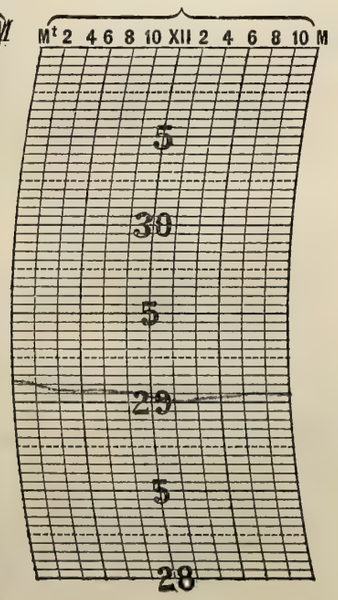
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 Ex 20 | SW | 12.25 p.m. |

Relative humidity, 73 a. m. 80 p. m.

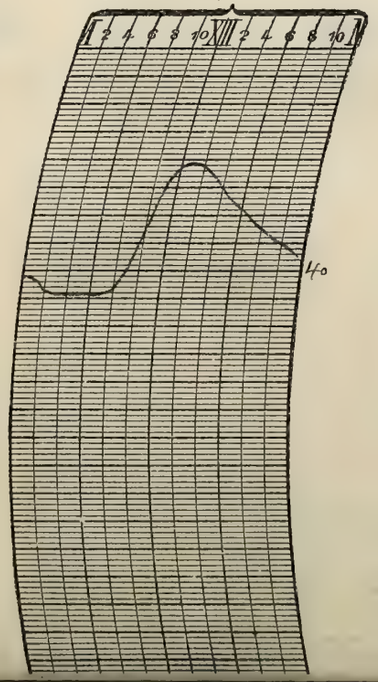
Reduced barometer, 30.00 a. m. 29.96 p. m.

River gage, 3.1 ft.




+ Estimated




NOTES.

Prepared by
Verified by } J.H.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 20 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 42 | 41 | 41 | 40 | 39 | 38 | 39 | 41 | 45 | 50 | 55 | 59 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | Clear | | |
| Sunrise: Time, 6.35 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.8 | 1.0 | 1.0 | 1.0 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | S | S | SW | SW | SW |
| Wind movement | 9 | 6 | 6 | 8 | 9 | 7 | 7 | 8 | 11 | 12 | 11 | 14 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 60 | 62 | 64 | 60 | 57 | 56 | 55 | 54 | 53 | 52 | 51 | 51 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | Clear | | | | | | | | | | |
| Sunset: Time, 4.17 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | S | S | SW | SW | SW | SW | SW | SW |
| Wind movement | 13 | 16 | 15 | 14 | 14 | 13 | 14 | 13 | 13 | 12 | 11 | 13 |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 64 | 38 | 51 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 3

Actual sunshine, hours, 6.8

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 70

Prevailing direction SW

Total movement, 269

Average hourly velocity, 11.2

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 | SW | 1.45 p.m. |

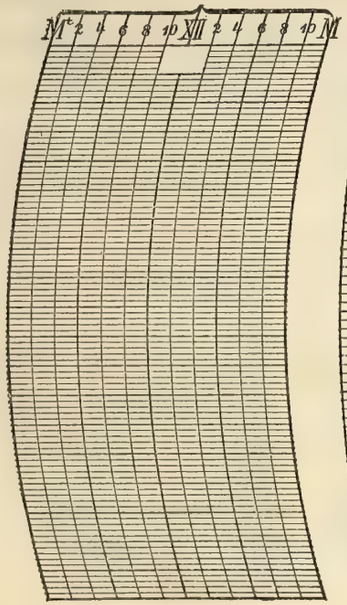
Ex 20

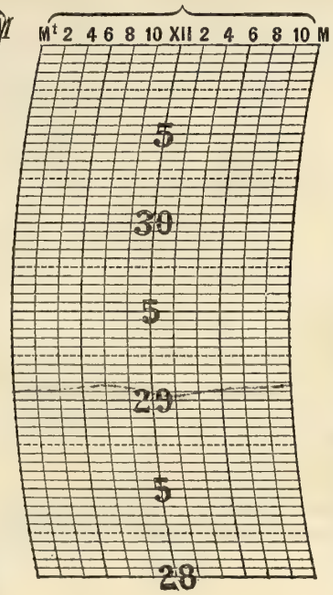
Relative humidity, 84 a. m. 60 p. m.

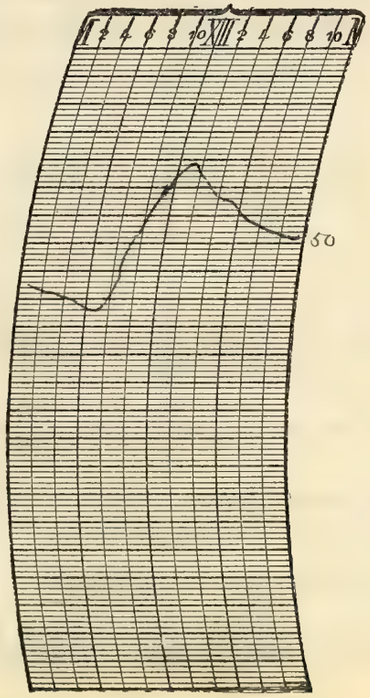
Reduced barometer, 30.01 a. m. 29.98 p. m.

River gage, 3.1 ft.

NOTES.




Prepared by
Verified by J.H.T.S.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 21 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 50 | 49 | 48 | 47 | 46 | 45 | 44 | 45 | 50 | 52 | 55 | 58 | 58 | 58 | 57 | 56 | 53 | 50 | 46 | 43 | 42 | 41 | 39 | 36 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | | Clear | | | | — | | Clear | | | | | | | | | |
| Sunrise: Time, 6.36; Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.18; Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | .40 0 | 1.0 0 | 0.8 0.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | NW | NW | NW | W | W | SW |
| Wind movement | 14 | 14 | 12 | 15 | 13 | 13 | 14 | 14 | 16 | 17 | 18 | 16 | 16 | 15 | 12 | 9 | 6 | 9 | 8 | 5 | 5 | 4 | 5 | 7 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 58 | 36 | 47 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 3

Actual sunshine, hours, 7.7

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 79

Prevailing direction SW

Total movement, 277

Average hourly velocity, 11.6

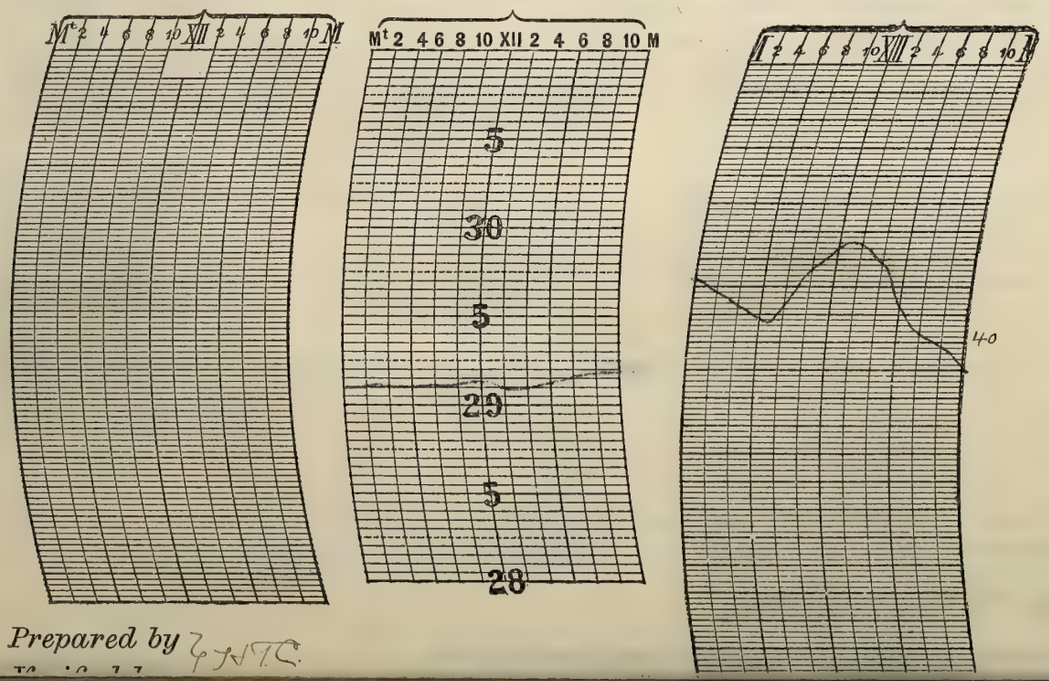
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 | SW | 9.45 am |
| Ex 20 | | |

Relative humidity, 64 a. m. 72 p. m.

Reduced barometer, 30.03 a. m. 30.08 p. m.

River gage, 3.1 ft.

NOTES.




Prepared by J.H.T.C.

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 22 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 35 | 34 | 33 | 32 | 30 | 29 | 29 | 32 | 37 | 43 | 47 | 49 | 52 | 50 | 49 | 48 | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | Clear | | | | | | | | | | |
| Sunrise: Time, Character, | 6.37 Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character, 4.18 Clear | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 0.1 | .30 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | SW | SW | SW | SW | SW | SW | SW | S | S |
| Wind movement | 8 | 8 | 7 | 7 | 9 | 11 | 11 | 11 | 12 | 15 | 16 | 14 | 12 | 12 | 10 | 8 | 9 | 8 | 6 | 8 | 8 | 6 | 7 | 10 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 52 | 29 | 110 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 8.2

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 85

Prevailing direction SW

Total movement, 233

Average hourly velocity, 9.7

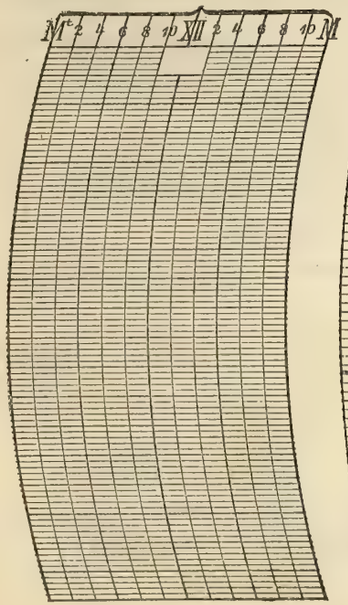
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 Ex 19 | SW | 10.25 a.m. |

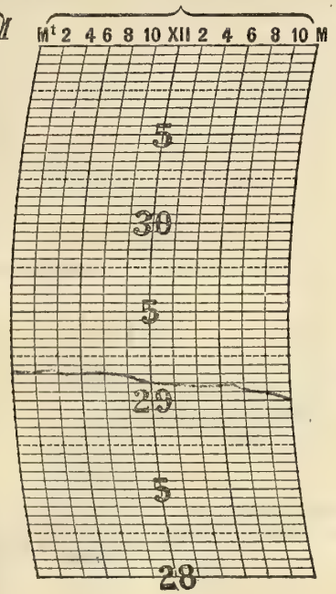
Relative humidity, 78 a. m. 71 p. m.

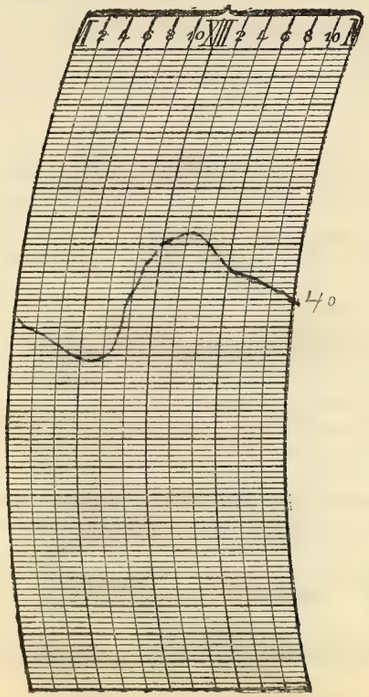
Reduced barometer, 30.08 a. m. 30.02 p. m.

River gage, 3 ft

NOTES.






Prepared by
Verified by J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 23 1912, 191

Time (local standard) 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 38 | 37 | 37 | 38 | 39 | 40 | 39 | 41 | 42 | 43 | 45 | 46 | 43 | 41 | 37 | 36 | 35 | 34 | 36 | 36 | 35 | 34 | 33 | 32 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | RB 2.10 | RE 3.50 | | | | RB 7.05 RE 7.35 | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | T | .01 | | | | .01 | | | | |
| Cloudiness and other conditions | | | | | | | Cloudy | | | | | | Cloudy | | | | | | | | | | | |
| Sunrise: Time, 6.38 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.17 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0.1 | 0.5 | 0.5 | 0.4 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | S | S | S | S | S | S | S | S | S | SW | SW | SW | SW | SW | SW | SW | W | W | SW | W | W | SW | SW | SW |
| Wind movement | 9 | 11 | 11 | 13 | 13 | 14 | 14 | 16 | 18 | 17 | 20 | 20 | 23 | 22 | 17 | 17 | 20 | 19 | 20 | 22 | 20 | 16 | 15 | 15 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

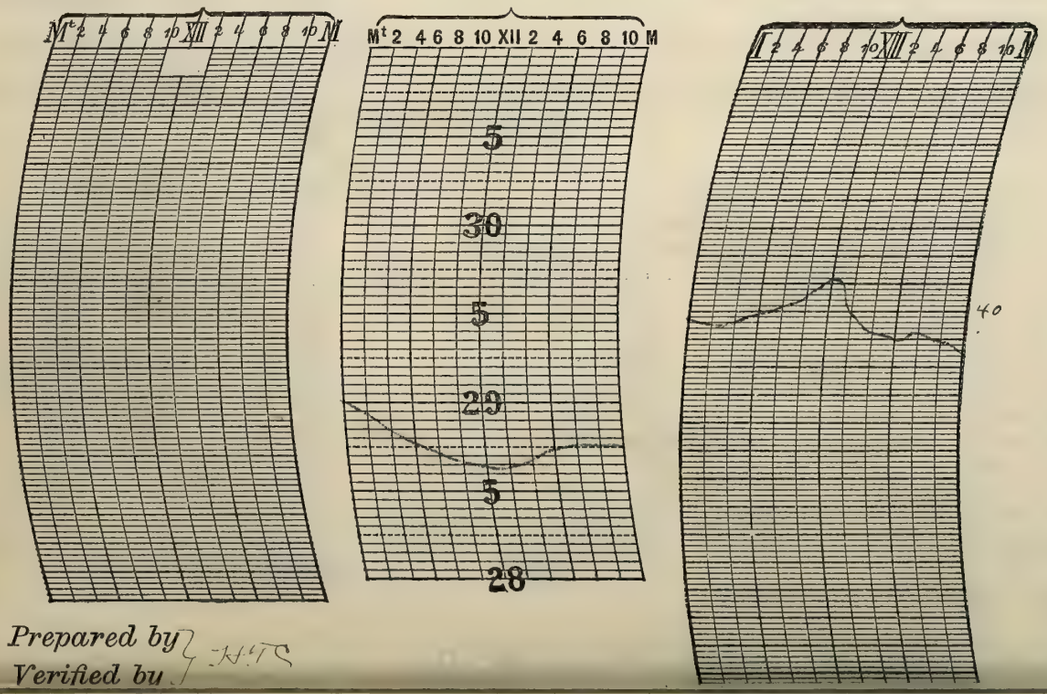
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 46 | 32 | 39 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 1.5
Possible sunshine, hours, 9.6
Percentage of possible sunshine, 16
Prevailing direction SW
Total movement, 402
Average hourly velocity, 16.8

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 28 Ex 28 | SW | 12.38 p. m. |

Relative humidity, 80 a. m. 78 p. m.
Reduced barometer, 29.66 a. m. 29.67 p. m.
River gage, 3.0 ft.

NOTES.




Prepared by
Verified by

Form No. 1014—Met'l.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 24 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 31 | 30 | 31 | 31 | 29 | 28 | 26 | 26 | 26 | 27 | 27 | 27 | 29 | 29 | 30 | 30 | 31 | 31 | 33 | 33 | 33 | 33 | 33 | 33 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | SB 4PM | | | | | | | SE 1.00 | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | Cloudy | | | | Cloudy | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | NW | NW | NW | NW | NW | W | NW | NW | NW | NW | W |
| Wind movement | 13 | 14 | 16 | 16 | 18 | 18 | 16 | 14 | 15 | 15 | 10 | 7 | 3 | 4 | 6 | 10 | 9 | 7 | 8 | 13 | 11 | 11 | 9 | 10 |
| Maximum velocities (exceeding 22 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 6.39 Character, Cloudy

Sunset: Time, 4.16 Character, Cloudy

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 33 | 26 | 30 | |

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.5 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy Moon phase, Full Moon

Average daily cloudiness (0–10), 1.0

Actual sunshine, hours, 0

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 275

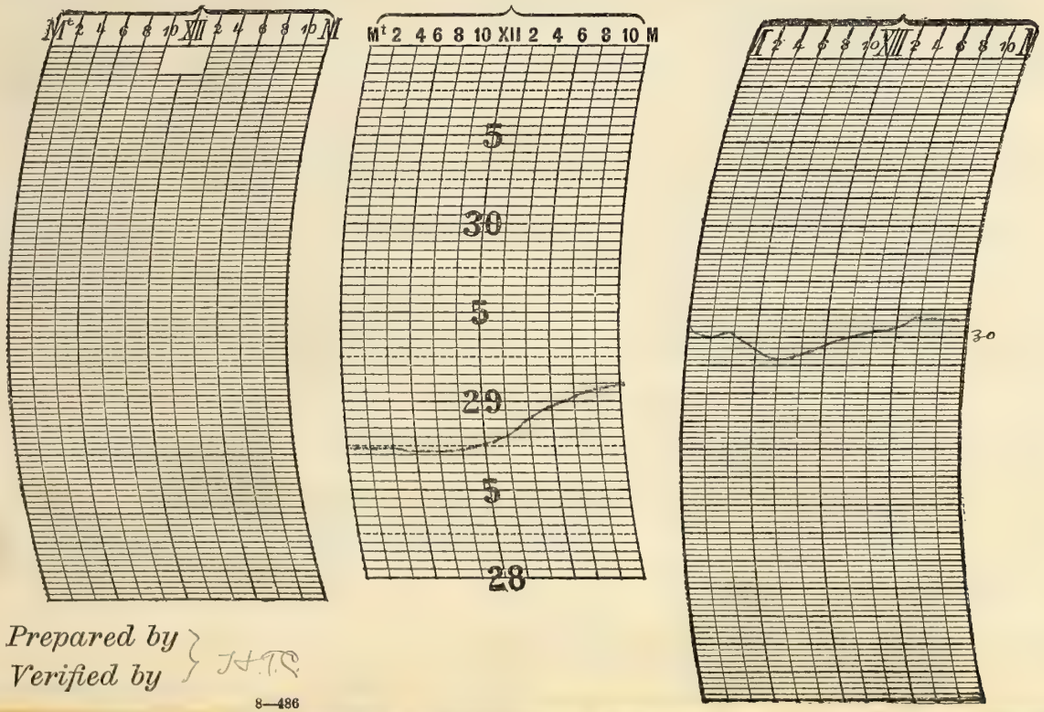
Average hourly velocity, 11.5

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 22 Ex. 23 | SW | 3.30 a.m |

Relative humidity, 82 a. m. 80 p. m.

Reduced barometer, 29.66 a. m. 29.98 p. m.

River gage, 2.9 ft




Snow

NOTES.

Prepared by
Verified by } H.T.S.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 25 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 33 | 33 | 32 | 33 | 33 | 33 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 33 | 32 | 32 | 31 | 31 | 33 | 32 | 31 | 31 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | SB 10 05 SE 10 25 | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | T | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | Cloudy | | | | | | | | | | |
| Sunrise: Time, 6.41 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.16 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | W | W | W | W | W | W | W | W | W | W | W | W | W | SW | SW | SW | SW | S | S | SW | SW | SW | SW | SW |
| Wind movement | 10 | 12 | 11 | 13 | 12 | 13 | 11 | 12 | 12 | 13 | 11 | 12 | 13 | 12 | 12 | 12 | 8 | 8 | 8 | 9 | 14 | 13 | 13 | 12 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| Temperature | 33 | 31 | 32 | |

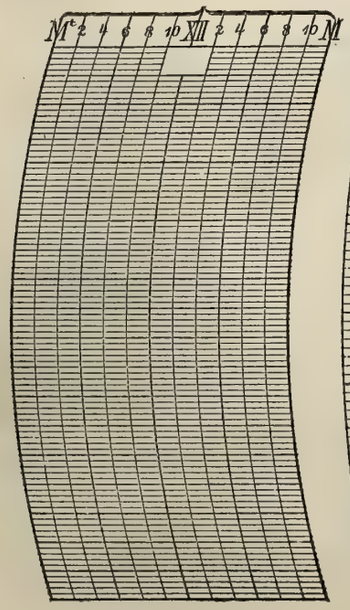
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.6
Percentage of possible sunshine, 0
Prevailing direction W
Total movement, 276
Average hourly velocity, 11.5

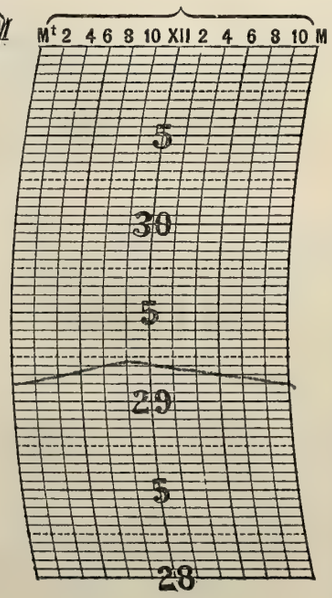
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 18 | SW | 8.50 p.m. |

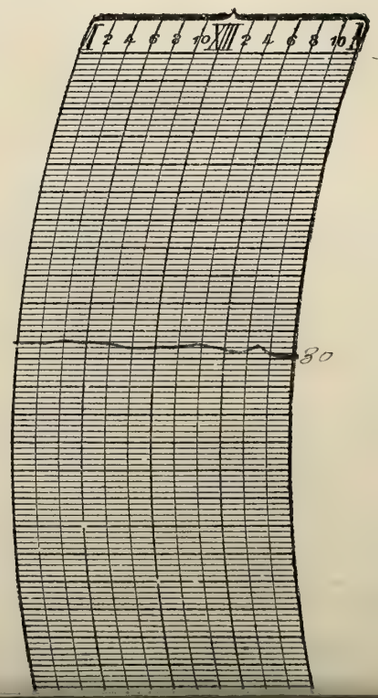
| | | |
|---|---|---|
| Relative humidity, | 74 a. m. | 89 p. m. |
| Reduced barometer, | 30.15 a. m. | 30.08 p. m. |
| River gage, | 27 ft | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

NOTES.




+ Snow flurries

Prepared by
Verified by } H.T.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 26 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
| Temperature at end of hour | 31 | 32 | 33 | 33 | 33 | 33 | 33 | 33 | 31 | 32 | 33 | 36 | 37 | 38 | 38 | 39 | 37 | 35 | 33 | 32 | 31 | 32 | 32 | 32 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | SB 6.35 + | SE 7.10 + | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | Cloudy | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0.3 | 0.8 | 1.1 | 0.6 | 0.2 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | W | SW | SW | SW | SW | SW | SW | SW | SW | W | SW | SW | W | W | W | W |
| Wind movement | 13 | 13 | 15 | 13 | 14 | 15 | 17 | 16 | 17 | 16 | 20 | 18 | 19 | 18 | 19 | 17 | 14 | 14 | 17 | 14 | 14 | 15 | 15 | 15 |
| Maximum velocities (exceeding 24 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 6.42; Character, Cloudy

Sunset: Time, 4.15; Character, Cloudy

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 39 | 31 | 35 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy, Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 2.9

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 30

Prevailing direction SW

Total movement, 378

Average hourly velocity, 15.8

Maximum velocity, 24; Direction, SW; Time, 10.32 a.m.

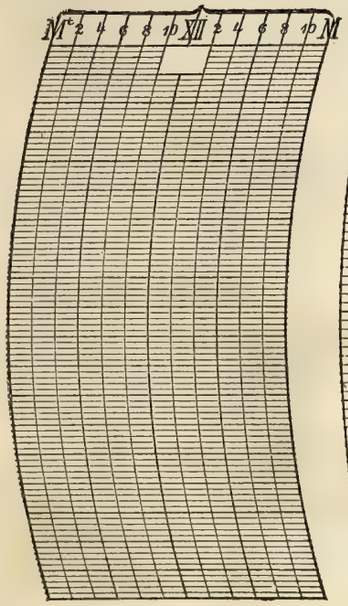
Ex 24

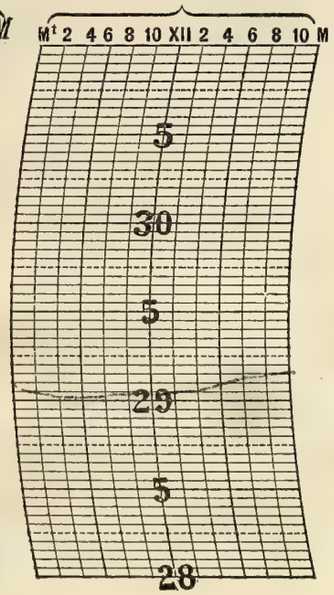
Relative humidity, 76 a. m., 71 p. m.

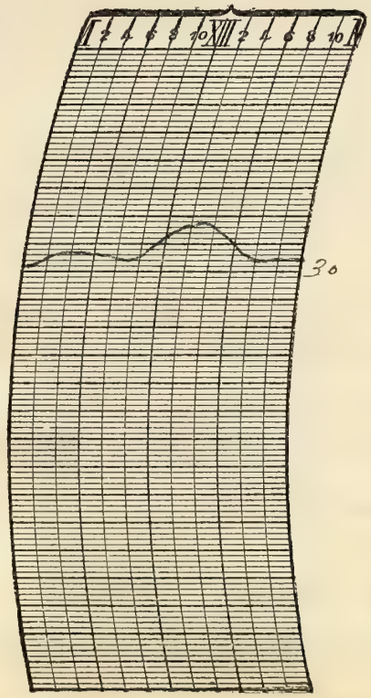
Reduced barometer, 29.97 a. m., 30.06 p. m.

River gage, 2.6 ft.

NOTES.






+ Snow flurries.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 27 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 32 | 30 | 28 | 27 | 27 | 25 | 26 | 25 | 28 | 30 | 33 | 31 | 31 | 33 | 33 | 32 | 30 | 31 | 30 | 29 | 27 | 26 | 25 | 24 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | SB 1.50 + | + | SE 3.40 + | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | PCloudy | | | | | PCloudy | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.4 | 1.0 | 1.0 | 0.3 | 0.4 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | W | SW | SW | SW | SW | SW |
| Wind movement | 13 | 13 | 12 | 13 | 13 | 13 | 12 | 12 | 13 | 15 | 14 | 13 | 19 | 14 | 12 | 12 | 8 | 8 | 5 | 6 | 6 | 6 | 7 | 7 |

Sunrise: Time, 6.43; Character, Cloudy

Sunset: Time, 4.15; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 33 | 24 | 28 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, PCloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 3.1

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 33

Prevailing direction SW

Total movement, 266

Average hourly velocity, 11.1

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 22 | SW | 12.15 p.m. |
| 22 | | |

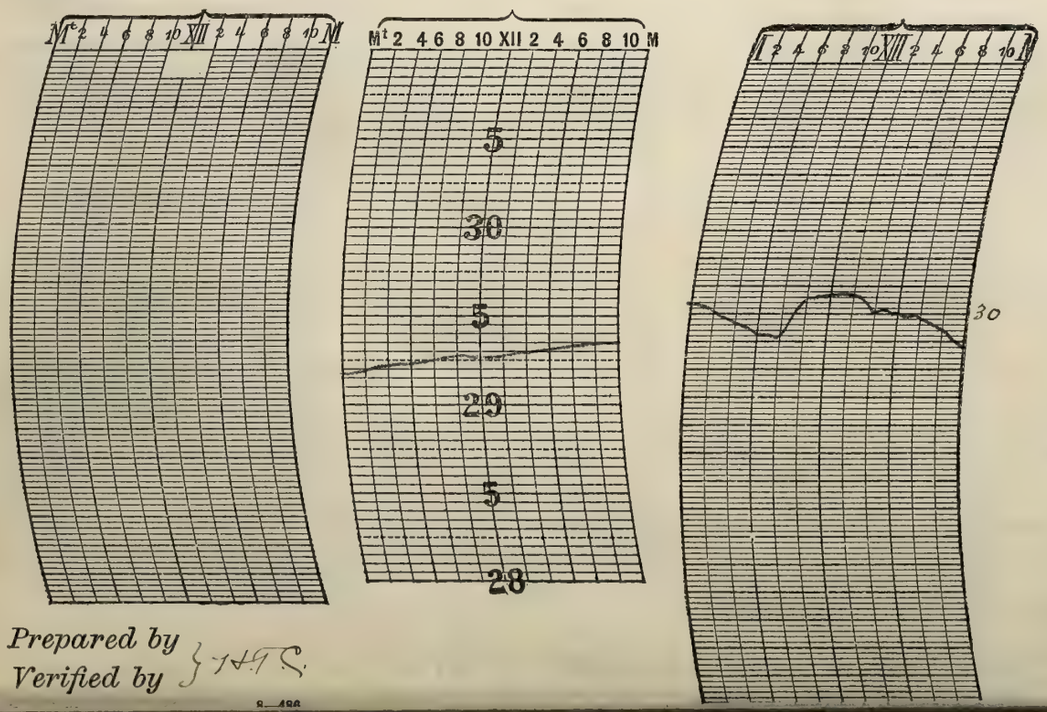
Relative humidity, 64 a. m. 84 p. m.

Reduced barometer, 30.19 a. m. 30.26 p. m.

River gage, 2.5 ft

NOTES.

+ Snowflurries.




Prepared by
Verified by } J.H.S.

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 28 1912, 191

Time (local standard) 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 24 | 22 | 22 | 22 | 21 | 20 | 22 | 22 | 23 | 27 | 28 | 31 | 32 | 34 | 35 | 35 | 35 | 34 | 33 | 31 | 32 | 32 | 32 | 31 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — | Pt Cloudy | | | | — | Pt Cloudy | | | | | | | | | | |
| Sunrise: Time 6.44 Character Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time 4.15 Character Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0.7 | 0.6 | 1.0 | 1.0 | 0.9 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | SW | SW | SW | SW | SW |
| Wind movement | 8 | 8 | 8 | 8 | 7 | 9 | 8 | 8 | 9 | 10 | 13 | 14 | 18 | 18 | 16 | 15 | 12 | 15 | 18 | 14 | 14 | 16 | 7 | 15 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

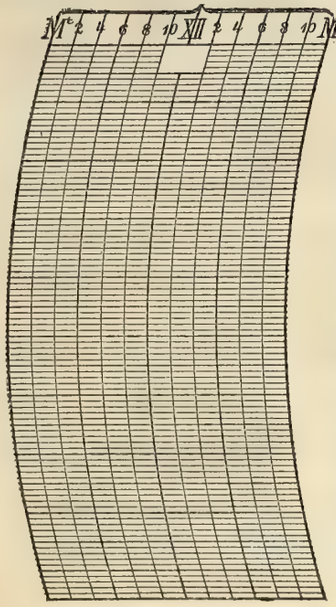
| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 35 | 20 | 28 | |

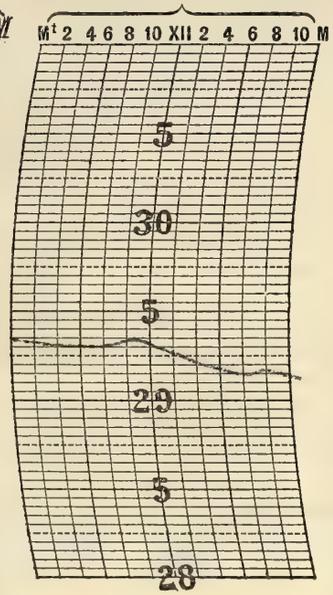
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 4.2
Possible sunshine, hours, 9.5
Percentage of possible sunshine, 44
Prevailing direction SW
Total movement, 278
Average hourly velocity, 12.4

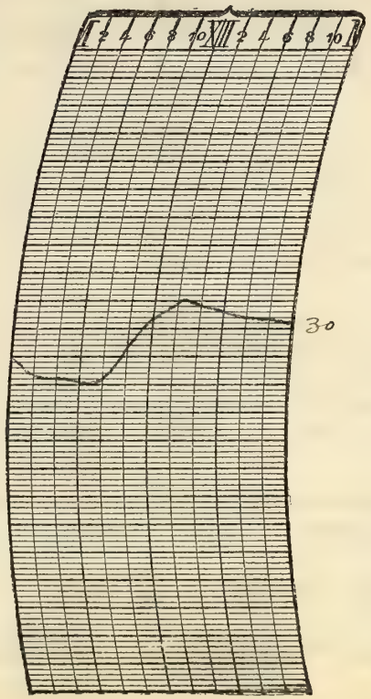
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 Ex 20 | SW | 2.00 p.m. |

Relative humidity, 72 a. m. 80 p. m.
Reduced barometer, 30.27 a. m. 30.12 p. m.
River gage, 2.5 ft

NOTES.




Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 29 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 31 | 32 | 32 | 31 | 31 | 30 | 30 | 31 | 32 | 34 | 38 | 43 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Cloudy | | | |
| Sunrise: Time, 6.45 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0.6 | 0.7 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 18 | 19 | 17 | 17 | 16 | 15 | 13 | 14 | 14 | 19 | 20 | 21 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 43 | 43 | 43 | 41 | 38 | 37 | 36 | 34 | 33 | 32 | 31 | 31 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | Cloudy | | | | | | | | | | |
| Sunset: Time, 4.14 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0.4 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | S | SW | S | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 20 | 20 | 18 | 15 | 11 | 9 | 10 | 10 | 10 | 10 | 9 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 43 | 30 | 36 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 7.9

Actual sunshine, hours, 1.7

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 18

Prevailing direction SW

Total movement, 354

Average hourly velocity, 14.8

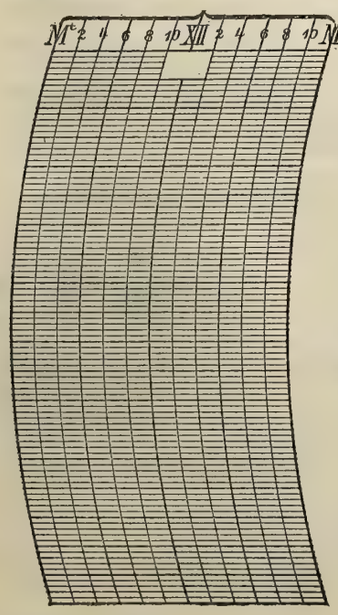
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 25 Ex25 | SW | 11.42 a.m |

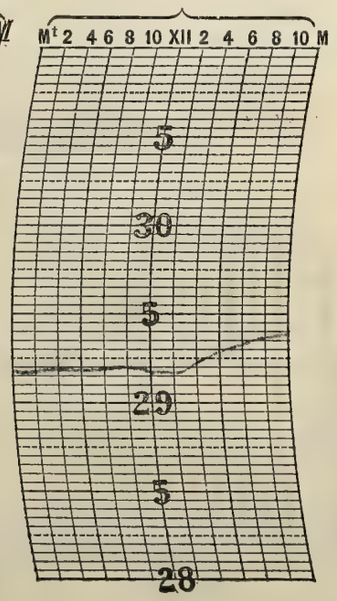
Relative humidity, 68 a. m. 65 p. m.

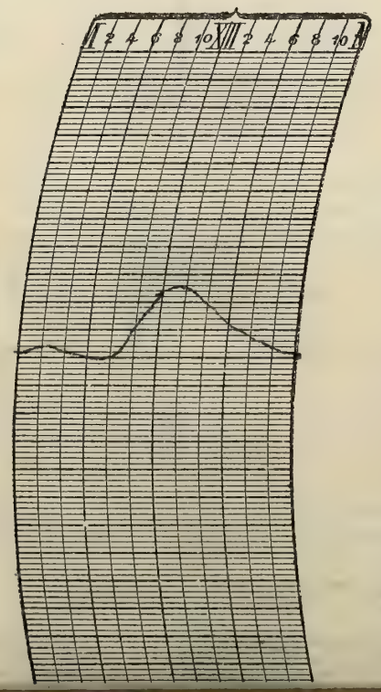
Reduced barometer, 30.14 a. m. 30.21 p. m.

River gage, 2.5 ft.

NOTES.





*Prepared by*

*Verified by*

Form No. 1011—Sect. 1.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 30 1912, 191

Time (local standard) 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 30 | 30 | 29 | 29 | 29 | 27 | 30 | 31 | 35 | 40 | 45 | 48 | 49 | 50 | 50 | 48 | 47 | 45 | 43 | 42 | 41 | 41 | 41 | 42 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | Clear | | | | Clear | | | | | | | | | | |
| Sunrise: Time, Character, | 6.46 Clear | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character, | | | |
| Sunshine (in tenths of hours) | | | | | | | 0.23 0 | 1.0 0 | 0.8 0.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 0.2 0 | 0 | | | | 4.14 Clear | | | |
| Wind direction | SW | S | S | SW | SW | SW | SW | SW | SW | S | S | S | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE | SE |
| Wind movement | 7 | 8 | 6 | 7 | 6 | 5 | 2 | 2 | 3 | 7 | 7 | 8 | 9 | 9 | 8 | 6 | 7 | 9 | 10 | 9 | 10 | 9 | 9 | 9 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 50 | 27 | 38 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 9.5

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 100

Prevailing direction SE

Total movement, 172

Average hourly velocity, 7.2

Maximum velocity, 12 Direction, SE Time. 7.02 p.m.

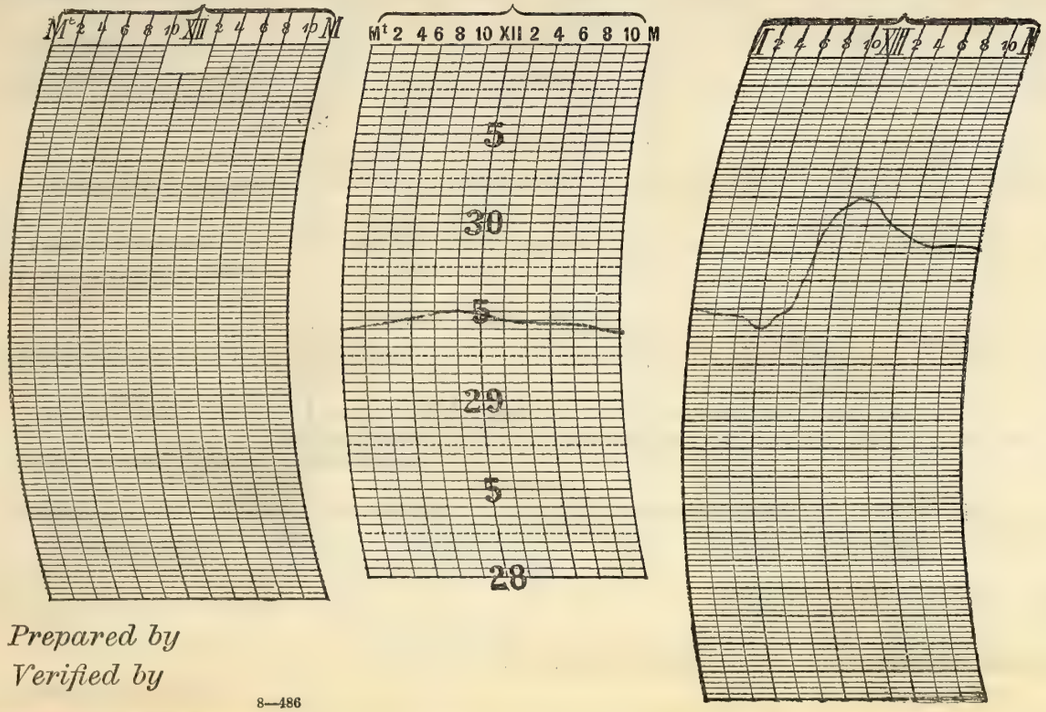
Extreme 12

Relative humidity, 78 a. m. 70 p. m.

Reduced barometer, 30.44 a. m. 30.38 p. m.

River gage, 2.4 ft.

NOTES.




*Prepared by*

*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 1 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 43 | 44 | 44 | 45 | 44 | 44 | 44 | 45 | 47 | 50 | 52 | 54 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | Cloudy | | |
| Sunrise: Time, 6.47 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0.2 | 0.3 |
| Wind direction | S | SE | SE | SE | SE | SE | S | SE | SE | S | S | S |
| Wind movement | 10 | 7 | 7 | 8 | 8 | 8 | 8 | 11 | 13 | 13 | 15 | 14 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 56 | 57 | 58 | 57 | 56 | 55 | 55 | 54 | 54 RB 8.25 | 54 | 53 | 53 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | .04 | .01 | .03 | .12 |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunset: Time, 4.14 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 0.7 | 0 | 0 | 0 | | | | | | | |
| Wind direction | S | S | S | S | SE | SE | SE | SE | S | S | S | S |
| Wind movement | 13 | 19 | 15 | 15 | 14 | 14 | 12 | 16 | 19 | 18 | 21 | 23 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 58 | 42 | 50 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .20 inches.

Character of day, Cloudy Moon phase, Last Quarter

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 2.2

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 23

Prevailing direction S

Total movement, 321

Average hourly velocity, 13.4

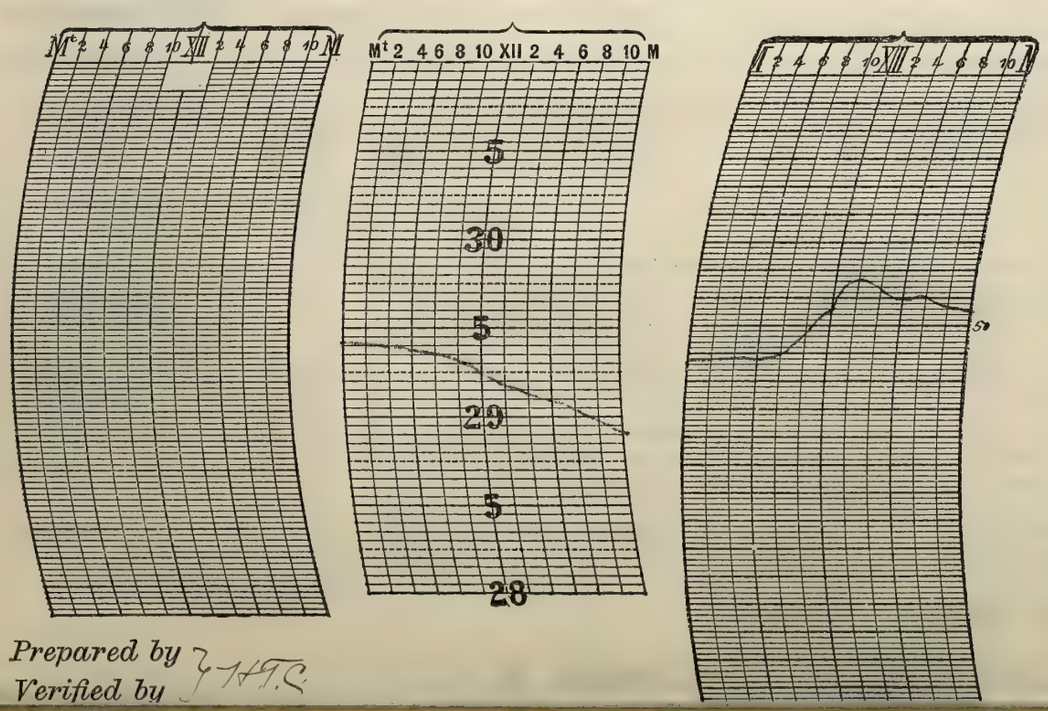
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 25 Ex 25 | S | 11.15 p.m. |

Relative humidity, 71 a. m. 82 p. m.

Reduced barometer, 30.26 a. m. 29.99 p. m.

River gage, 2.3 ft.

NOTES.




Prepared by
Verified by

Verified by

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 2 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 54 | 54 | 54 | 54 | 53 | 54 | 54 | 48 | 43 | 43 | 42 | 40 |
| Nature of precipitation and time of beginning and ending | | | | | | RE 5.45 | | RB 7.30 | | | | |
| Amounts of precipitation | .13 | .02 | .03 | .01 | T | .05 | | T | T | T | T | T |
| Cloudiness and other conditions | | | | | | | | | Cloudy | | | |
| Sunrise: Time, 6.48 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | S | S | S | S | S | S | S | SW | SW | SW | SW | SW |
| Wind movement | 21 | 24 | 24 | 22 | 19 | 20 | 21 | 33 | 30 | 31 | 35 | 28 |
| Maximum velocities (exceeding 25 miles) direction and time | | 30 S 1.25 | | | | | 30 S 7.58 | 44 SW 7.02 | 34 SW 8.40 | 34 SW 9.30 | 42 SW 10.30 | 31 SW 11.25 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 39 | 38 | 37 | 37 | 37 | 37 | 37 | 36 | 35 | 34 | 35 | 34 |
| Nature of precipitation and time of beginning and ending | | RE 2.00 | | | | | | | | | | |
| Amounts of precipitation | T | T | | | | | | | | | | |
| Cloudiness and other conditions | | Cloudy | | | | | | | | | | |
| Sunset: Time, 4.13 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | W | NW | NW | W | W | NW | NW | NW | NW | NW | W | W |
| Wind movement | 24 | 19 | 17 | 17 | 13 | 12 | 8 | 6 | 7 | 4 | 5 | 4 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | |

State of weather.

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 54 | 34 | 44 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .44 ins.; to 7 p. m., .11 ins.

Total precipitation, midnight to midnight, .24 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 0

Prevailing direction S, NW

Total movement, 444

Average hourly velocity, 18.5

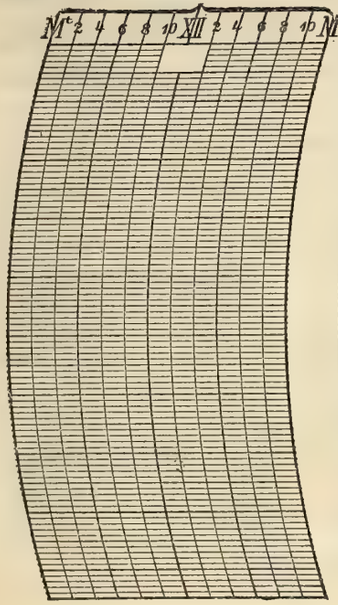
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 44 Ex 45 | SW | 7.00 a.m. |

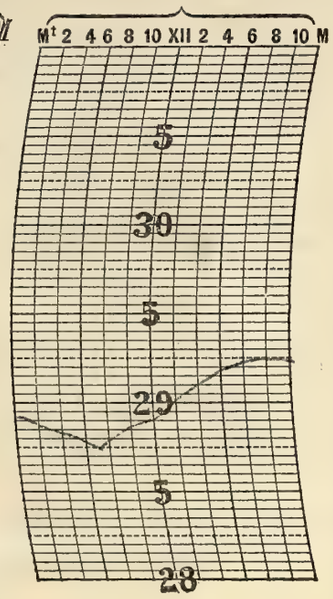
Relative humidity, 88 a. m. 91 p. m.

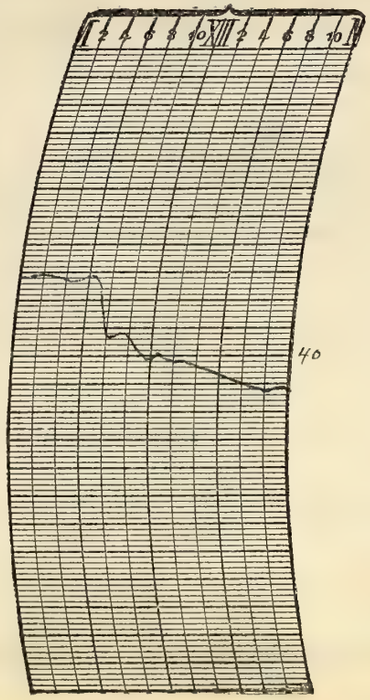
Reduced barometer, 29.64 a. m. 30.14 p. m.

River gage, 2.3 ft

NOTES.






Prepared by
Verified by J H T

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 3 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 34 | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 34 | 35 | 36 | 38 | 39 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 37 | 38 | 39 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | TR 11.30 |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | T |
| Cloudiness and other conditions | | | | | | | — | | Cloudy | | | — | | | — | Cloudy | — | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 1.0 | 0.7 | 1.0 | 0.1 | 0 | | | | | | | |
| Wind direction | W | S | S | SE | SE | S | S | S | S | S | S | S | SW | SW | S | S | S | S | S | S | S | S | S | SW |
| Wind movement | 3 | 4 | 6 | 6 | 6 | 5 | 9 | 12 | 11 | 12 | 14 | 12 | 13 | 12 | 11 | 9 | 9 | 8 | 9 | 8 | 10 | 14 | 12 | 12 |

Sunrise: Time, 6.49; Character, Cloudy

Sunset: Time, 4.13; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 43 | 34 | 38 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 4.6

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 49

Prevailing direction S

Total movement, 227

Average hourly velocity, 9.5

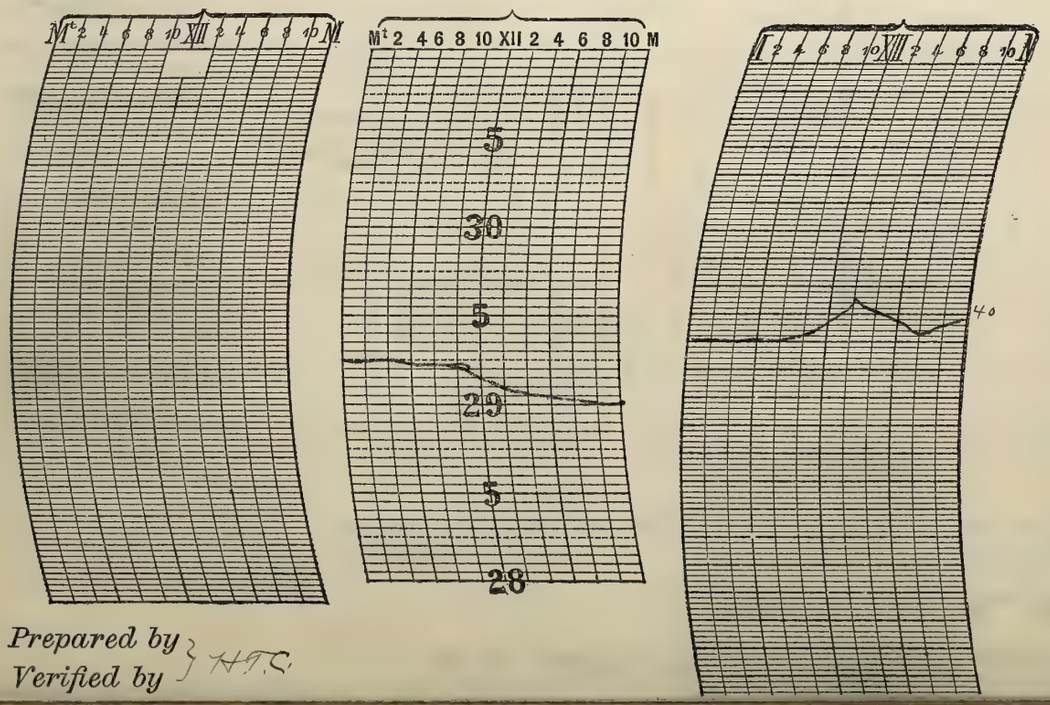
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 Ex 17 | S | 10.35 a.m. |

Relative humidity, 82 a. m. 75 p. m.

Reduced barometer, 30.14 a. m. 29.96 p. m.

River gage, 2.5 ft

NOTES.




Prepared by
Verified by } H.T.C.

Form No. 1013—Met. I.

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 4 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 39 | 40 | 40 | 40 | 40 | 42 | 40 | 40 | 41 | 42 | 44 | 45 |
| State of weather: Nature of precipitation and time of beginning and ending | RE DN | | | | | | | | | | | |
| Amounts of precipitation | .01 | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | |
| Sunrise: Time, Character | 6.50 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0.5 | 0.6 | 0.7 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | W | SW | SW | NW |
| Wind movement | 12 | 11 | 9 | 9 | 8 | 5 | 7 | 5 | 5 | 3 | 2 | 3 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 46 | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 38 | 38 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | |
| Sunrise: Time, Character | | | | | | | | | Sunset: Time, Character 4.13 Clear | | | |
| Sunshine (in tenths of hours) | 0.9 | 1.0 | 1.0 | 0.7 0.3 | .22 0 | | | | | | | |
| Wind direction | E | E | E | E | NE | E | E | E | E | E | E | E |
| Wind movement | 5 | 4 | 5 | 5 | 7 | 8 | 8 | 8 | 7 | 8 | 8 | 9 |
| Maximum velocities (exceeding miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 48 | 38 | 43 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 5.9

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 63

Prevailing direction E

Total movement, 161

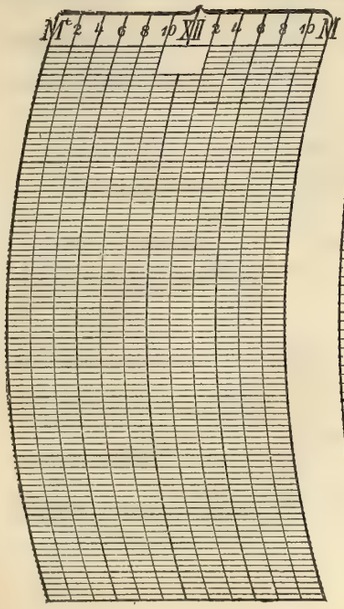
Average hourly velocity, 6.7

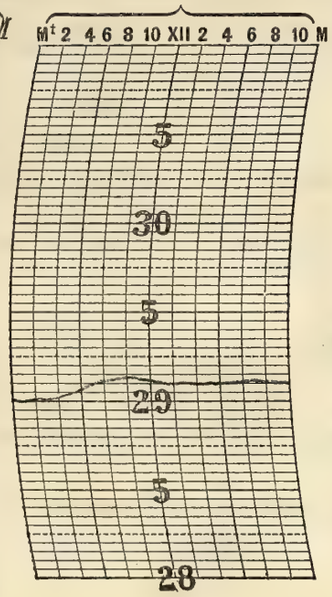
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 14 | SW | 12.10 a.m. |

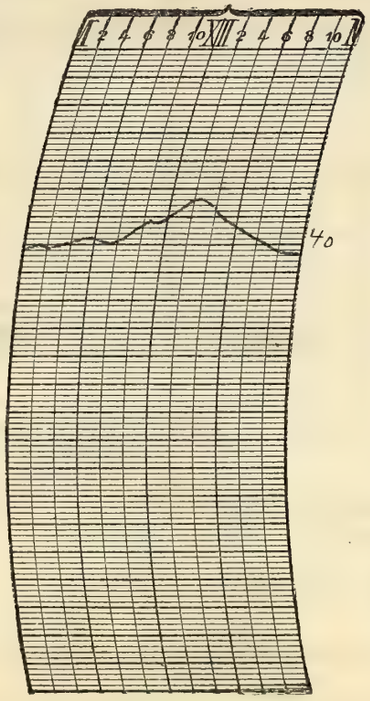
| | a. m. | p. m. |
|---|---|---|
| Relative humidity, | Ex 14 72 | 85 |
| Reduced barometer, | 30.08 | 30.03 |

River gage, 2.6 ft.

NOTES.






Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 5 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 39 | 39 | 39 | 40 | 40 | 42 | 43 | 47 | 50 | 52 | 54 | 57 |
| | | | RB DN | | | | | | RE 8.10 | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | .01 | .01 | T | T | T | T | T | | | |
| Cloudiness and other conditions | | | | | | | | | Cloudy | | | |
| Sunrise: Time, 6.51 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | E | NE | NE | NE | E | E | E | E | SE | S | S | S |
| Wind movement | 5 | 6 | 5 | 6 | 5 | 3 | 5 | 6 | 8 | 10 | 8 | 10 |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 58 | 58 | 59 | 59 | 60 | 60 | 59 | 59 | 59 | 58 | 58 | 58 |
| | | | | | | | | | | RB 9.35 | RE 10.15 | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | T | T | |
| Cloudiness and other conditions | | | | | Cloudy | | | | | | | |
| Sunset: Time, 4.13 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | S | S | S | S | S | S | S | SW | SW | SW | SW | SW |
| Wind movement | 13 | 12 | 8 | 7 | 12 | 7 | 7 | 8 | 9 | 12 | 14 | 16 |

Maximum velocities (exceeding 25 miles) direction and time

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 60 | 38 | 49 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 0

Prevailing direction S

Total movement, 206

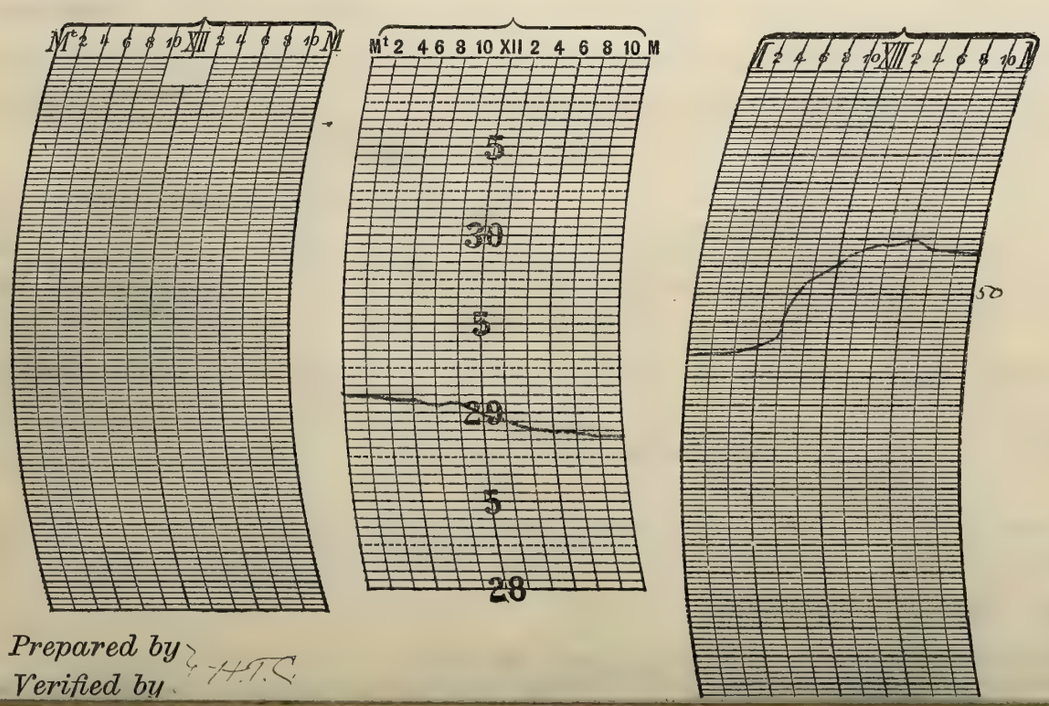
Average hourly velocity, 8.6

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 16 | SW | 11.25 p.m. |

Relative humidity, 100 a. m. 94 p. m.

Reduced barometer, 29.96 a. m. 29.79 p. m.

River gage, 2.5 ft.




NOTES.

Dense Fog { BDNa E7.50 a.m.

Prepared by
Verified by H.T.C.

Verified by
Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 6 1912, 191

Time (local standard) 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 59 58 | 57 | 50 | 42 | 36 | 32 | 31 | 31 | 31 | 30 | 29 | 28 |
| State of weather: Nature of precipitation and time of beginning and ending | | | RB DN | | | | | | | | | |
| Amounts of precipitation | | | PB DN .01 | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | |
| Sunrise: Time, Character, | 6.52 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 17 | 26 | 24 | 25 | 28 | 25 | 24 | 24 | 23 | 21 | 24 | 23 |
| Maximum velocities (exceeding 29 miles) direction and time | | 30 SW 1.25 | 30 SW 2.20 | 32 SW 3.55 | 34 SW 4.50 | 30 SW 5.05 | | | 30 SW 8.05 | | | 30 SW 11.20 |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 27 | 27 | 27 | 28 | 29 | 29 | 29 | 29 | 28 | 28 | 29 | 28 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunset: Time, Character, | | | | | | | | | 4.13 Cloudy | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | W | W | SW | SW | SW | SW | SW | W |
| Wind movement | 22 | 18 | 17 | 13 | 13 | 12 | 9 | 11 | 11 | 10 | 11 | 11 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 59 | 27 | 43 | |

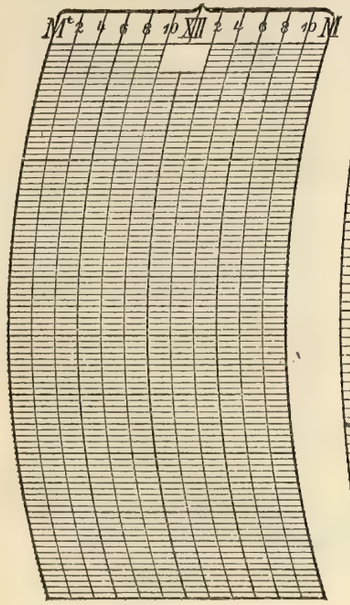
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 0
Prevailing direction SW
Total movement, 441
Average hourly velocity, 18.3

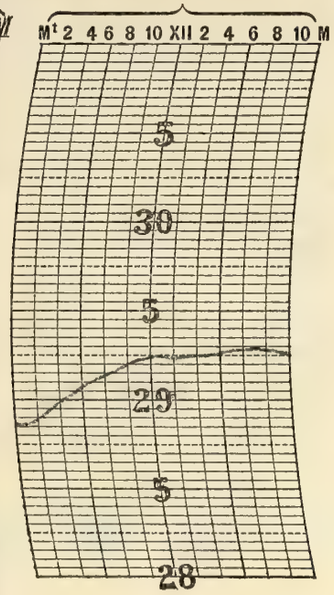
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 34 Ex 34 | SW | 4.50 p.m. |

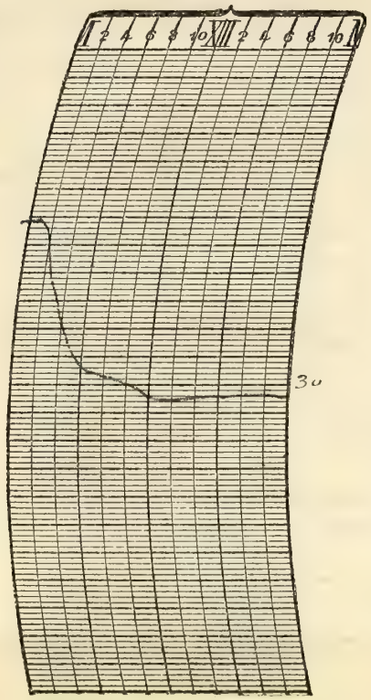
Relative humidity, 89 a. m. 89 p. m.
Reduced barometer, 30.03 a. m. 30.24 p. m.
River gage, 2.6 ft.

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

NOTES.




Prepared by
Verified by } T.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 7 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 22 | 23 | 25 | 28 | 31 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — Clear — | | | | |
| Sunrise: Time, 6.53 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 1.0 0 | 1.0 0 | 0.8 0.8 | 1.0 | 1.0 | 1.0 |
| Wind direction | W | W | W | W | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 11 | 10 | 10 | 11 | 13 | 10 | 9 | 11 | 12 | 14 | 13 | 13 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 33 | 35 | 36 | 35 | 34 | 33 | 32 | 32 | 33 | 34 | 35 | 36 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | |
| Sunset: Time, 4.13 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 0.6 0.4 | .22 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | S | SW | SW | SW | SW | SW | SW |
| Wind movement | 15 | 16 | 17 | 16 | 13 | 13 | 16 | 19 | 21 | 21 | 22 | 20 |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 36 | 22 | 29 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 9.3

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 346

Average hourly velocity, 14.4

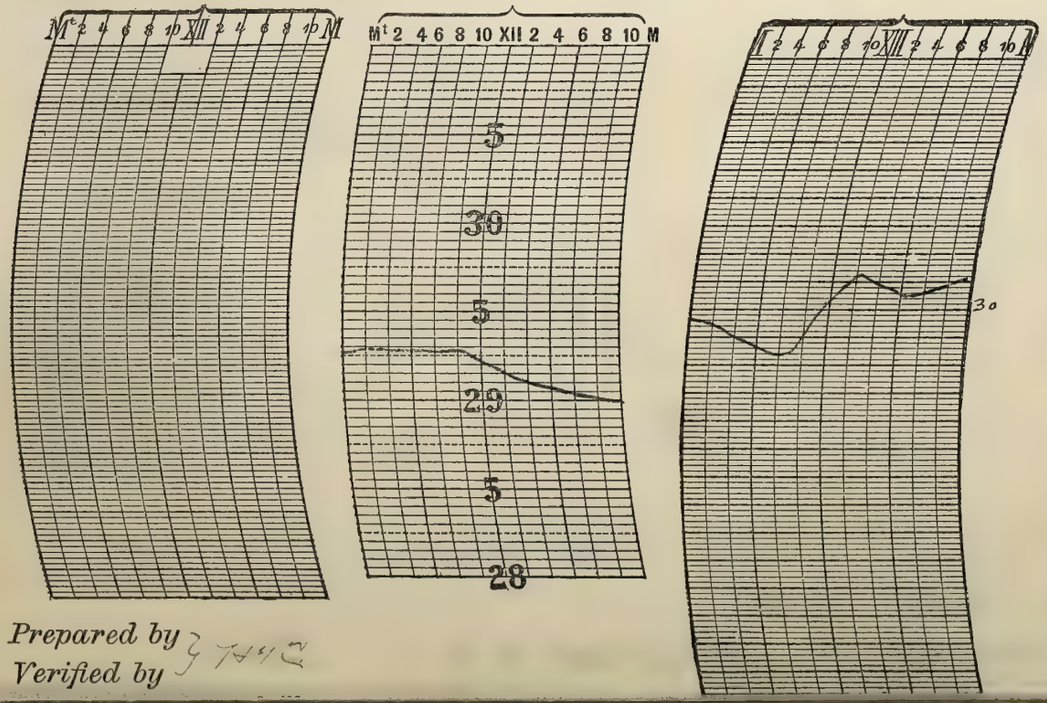
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 25 | SW | 10.30 p.m. |

Relative humidity, 72 a. m. 75 p. m.

Reduced barometer, 30.22 a. m. 30.00 p. m.

River gage, 2.5 ft

NOTES.




Prepared by
Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 8 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 36 | 37 | 37 | 36 | 35 | 34 | 36 | 35 | 32 | 30 | 29 | 28 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | SB 8.30 | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | |
| Sunrise: Time, 6.54 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | W | W | NW | NW | NW |
| Wind movement | 19 | 18 | 18 | 18 | 19 | 17 | 19 | 19 | 18 | 16 | 16 | 18 |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 27 | 26 | 23 | 24 | 23 | 22 | 21 | 20 | 19 | 19 | 19 | 20 |
| State of weather: Nature of precipitation and time of beginning and ending | | | SE 2.45 | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunset: Time, 4.13 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0.1 | 0 | 0 | 0 | | | | | | | |
| Wind direction | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW | NW |
| Wind movement | 24 | 18 | 20 | 16 | 15 | 10 | 12 | 8 | 7 | 7 | 7 | 6 |

Maximum velocities (exceeding 29 miles) direction and time

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 31 | 17 | 28 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy. Moon phase, New Moon

Average daily cloudiness (0-10) 7.10

Actual sunshine, hours, 0.1

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 1

Prevailing direction NW

Total movement, 365

Average hourly velocity, 15.2

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 24 Ex 24 | NW | 12.20 pm |

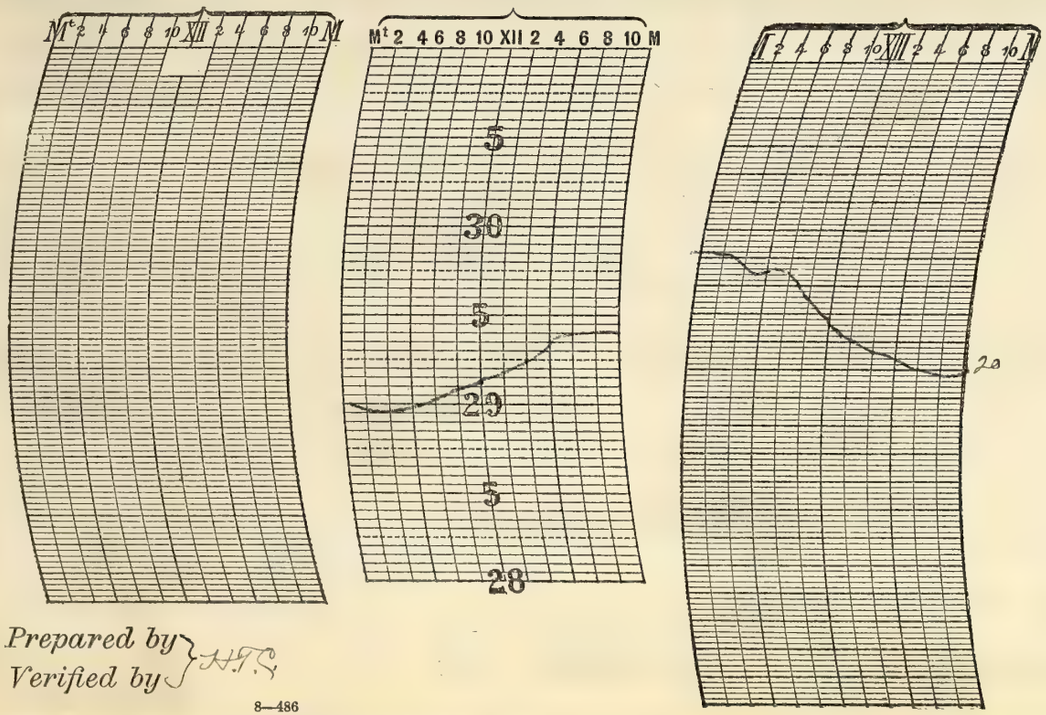
Relative humidity, 82 a. m. 71 p. m.

Reduced barometer, 29.94 a. m. 30.33 p. m.

River gage, 2.4 ft.

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.




NOTES.

Light Snow

Prepared by
Verified by } H.T.S.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 9 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 20 | 19 | 17 | 15 | 14 | 13 | 12 | 12 | 15 | 17 | 20 | 23 | 26 | 29 | 29 | 29 | 28 | 28 | 27 | 26 | 25 | 25 | 25 | 25 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — Clear — | | | | | | — Clear — | | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 6.55 Character, Clear | | | | | | 0 | 0 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | 0 | | | | Sunset: Time, 4.13 Character, Clear | | | |
| Wind direction | W | SW | SW | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 7 | 10 | 12 | 13 | 10 | 12 | 11 | 15 | 19 | 20 | 22 | 23 | 24 | 20 | 20 | 20 | 20 | 22 | 24 | 25 | 23 | 22 | 24 | 22 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 29 | 12 | 20 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 9.3

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 440

Average hourly velocity, 18.3

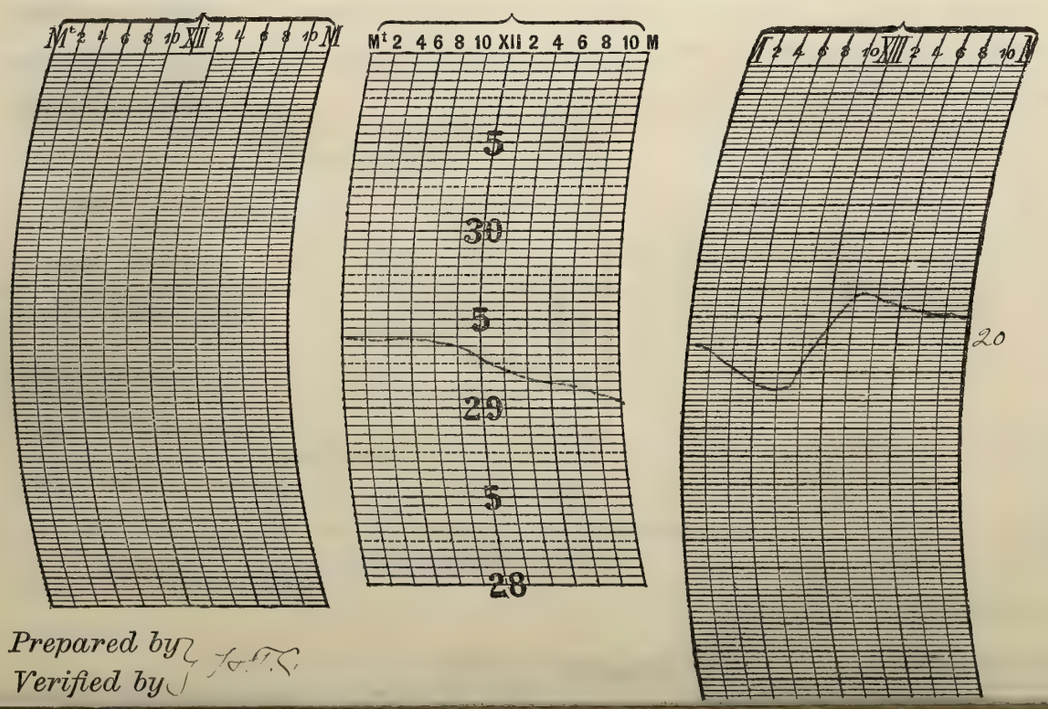
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 28 Ex 28 | SW | 7.40 p.m. |

Relative humidity, 60 a. m. 70 p. m.

Reduced barometer, 30.36 a. m. 30.09 p. m.

River gage, 2.2 ft

NOTES.




Prepared by
Verified by

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 10 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 25 | 25 | 25 | 26 | 26 | 27 | 28 | 31 | 34 | 36 | 37 | 37 | 40 | 42 | 42 | 42 | 41 | 40 | 38 | 38 | 37 | 37 | 36 | 33 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | SB 9.10 SE 9.50 T | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| Sunrise: Time, Character, | 6.55 Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character, 4.13 Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 0.8 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | SW | SW | SW | SW |
| Wind movement | 19 | 20 | 19 | 21 | 22 | 23 | 23 | 21 | 24 | 25 | 31 | 28 | 30 | 28 | 24 | 19 | 14 | 17 | 15 | 14 | 11 | 13 | 10 | 11 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | 36 SW 10.45 | 30 SW 11.10 | 34 SW 12.50 | 33 SW 1.05 | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. |
|---|---|---|---|---|---|
| | | | | | |

Excessive precipitation, accumulated amounts

| Accumulated depths during excessive rate, for consecutive periods of time indicated below. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 42 | 25 | 34 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 4.2

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 45

Prevailing direction SW

Total movement, 482

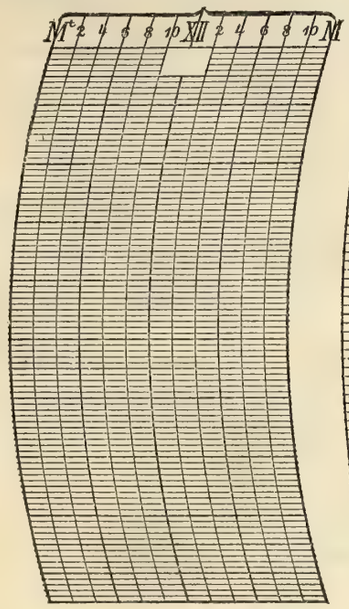
Average hourly velocity, 20.1

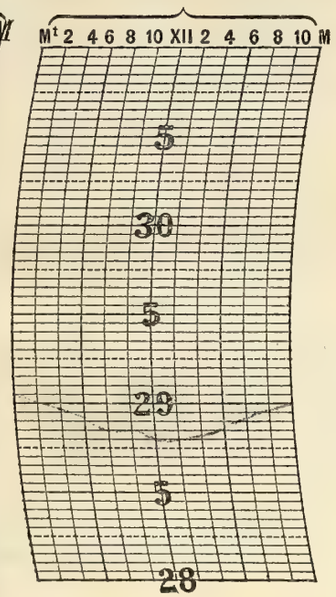
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 36 Ex 36 | SW | 10.45 a m. |

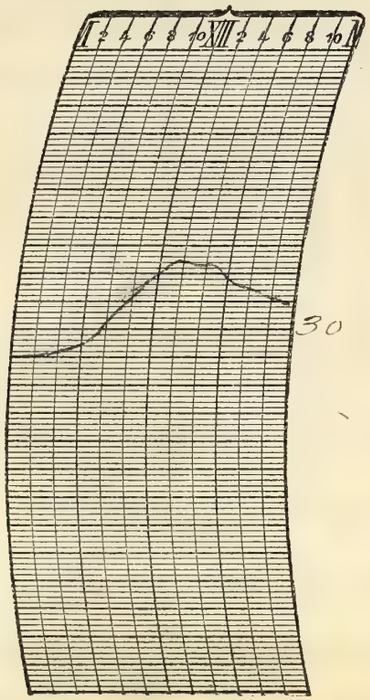
Relative humidity, 77 a. m. 72 p. m.

Reduced barometer, 29.83 a. m. 29.86 p. m.

River gage, 2.0 ft






NOTES.

Light Snow

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8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 11 1912, 191

Time (local standard) 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 35 | 35 | 34 | 32 | 30 | 27 | 25 | 26 | 26 | 27 | 26 | 25 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | SB 1045 | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — Cloudy — | | | | |
| Sunrise: Time, Character, | 6.56 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.2 | 0 | 0 | 0 |
| Wind direction | SW | SW | W | W | W | W | SW | SW | SW | W | W | W |
| Wind movement | 9 | 9 | 9 | 10 | 11 | 10 | 9 | 10 | 12 | 12 | 16 | 15 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 22 | 22 | 21 | 21 | 20 | 19 | 18 | 17 | 16 | 14 | 12 | 11 |
| State of weather: Nature of precipitation and time of beginning and ending | | B SE 2.00 | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | |
| Sunset: Time, Character, | | | | | | | | | 4.13 Cloudy | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | NW | W | W | W | W | W | W | W | W | W | W | W |
| Wind movement | 15 | 16 | 18 | 15 | 12 | 12 | 18 | 22 | 19 | 20 | 17 | 18 |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

/ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 35 | 11 | 23 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.2

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 2

Prevailing direction W

Total movement, 334

Average hourly velocity, 13.9

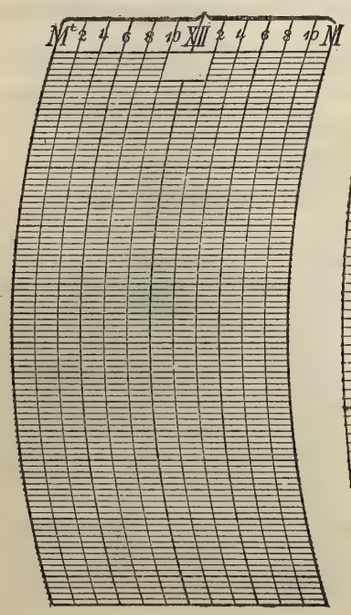
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 26 Ex 26 | W | 2.35 p.m. |

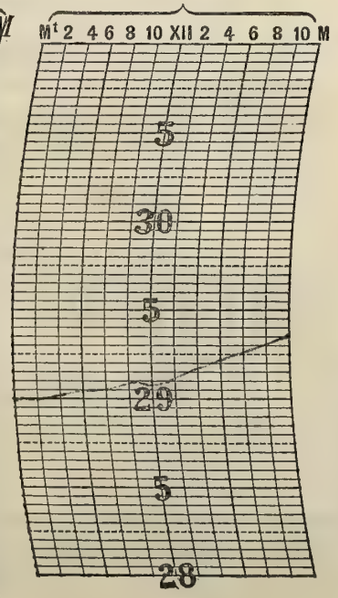
Relative humidity, 75 a. m. 65 p. m.

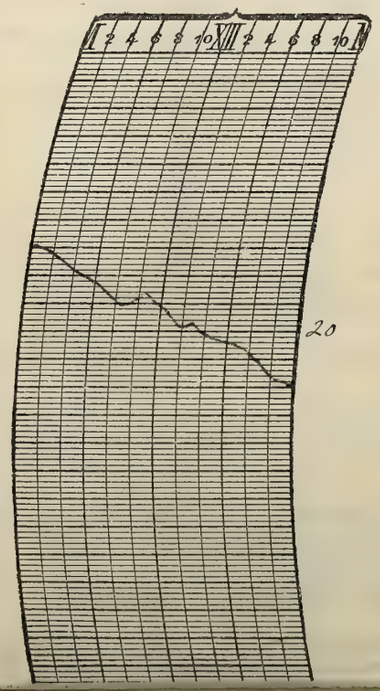
Reduced barometer, 30.01 a. m. 30.19 p. m.

River gage, 1.9 ft.

NOTES.




Prepared by

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 12 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 10 | 9 | 9 | 8 | 7 | 6 | 6 | 5 | 5 | 6 | 10 | 11 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | Pt | Cloudy | — | | |
| Sunrise: Time, Character | 6.57 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.1 | 0.3 | 0.7 | 1.0 |
| Wind direction | W | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 17 | 17 | 15 | 15 | 14 | 13 | 15 | 16 | 15 | 15 | 16 | 17 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 13 | 15 | 16 | 16 | 15 | 14 | 14 | 13 | 12 | 10 | 11 | 12 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Clear | | | | | | | | | |
| Sunset: Time, Character | | | | | | | | | 4.13 Clear | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 0.3 0.7 | 0 .22 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | S | SW | SW |
| Wind movement | 17 | 15 | 15 | 13 | 11 | 9 | 9 | 10 | 12 | 14 | 11 | 11 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

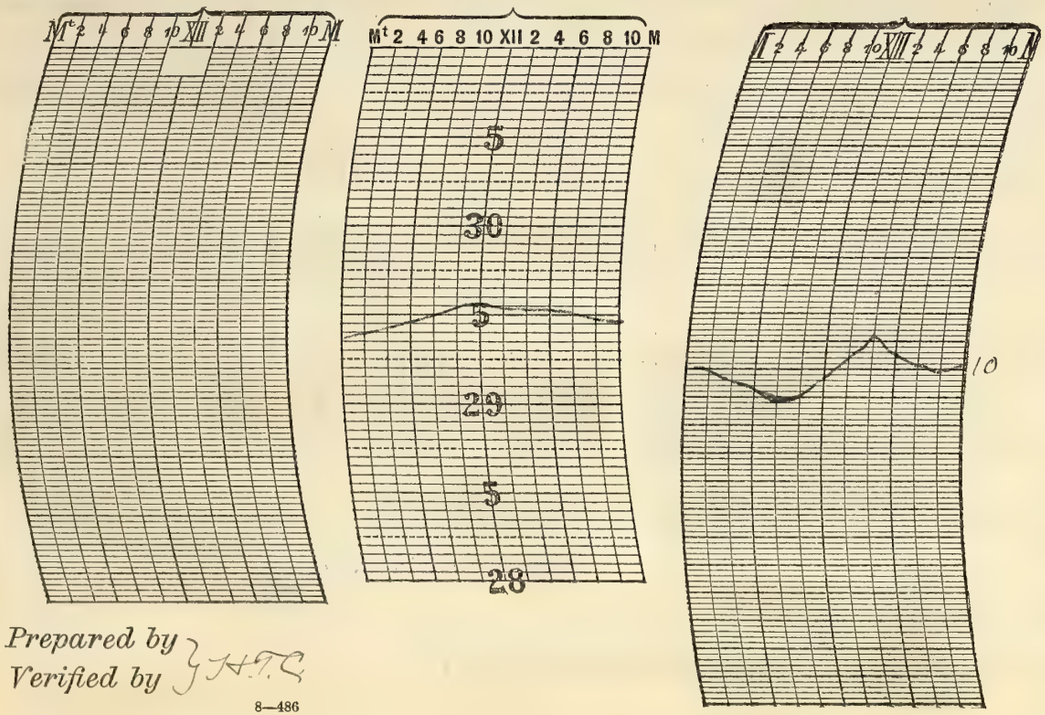
| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 16 | 5 | 10 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 3
Actual sunshine, hours, 6.3
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 68
Prevailing direction SW
Total movement, 332
Average hourly velocity, 13.8

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 24 | SW | 1.45 a.m. |

Relative humidity, 75 a. m. 70 p. m.
Reduced barometer, 30.46 a. m. 30.51 p. m.
River gage, 1.9 ft.

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 13 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 13 | 15 | 17 | 18 | 18 | 19 | 20 | 22 | 25 | 28 | 32 | 36 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | (Partly Cloudy | | | |
| Sunrise: Time, Character, | 6.58 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.3 | 0.9 | 1.0 | 1.0 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 11 | 17 | 16 | 15 | 17 | 19 | 19 | 19 | 21 | 23 | 24 | 29 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | 30 SW 10.30 | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 38 | 39 | 40 | 39 | 38 | 36 | 34 | 33 | 33 | 33 | 32 | 31 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | (Clear | | | | | | | |
| Sunset: Time, Character, | | | | | | | | | 4.13 Clear | | | |
| Sunshine (in tenths of hours) | 1.0 | 1.0 | 1.0 | 0.6 0.4 | 0.2 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | NW | SW | SW | SW | SW | SW |
| Wind movement | 23 | 22 | 22 | 16 | 13 | 11 | 12 | 14 | 15 | 15 | 15 | 13 |
| Maximum velocities (exceeding ___ miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 40 | 12 | 26 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 7.4

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 80

Prevailing direction SW

Total movement, 415

Average hourly velocity, 17.3

Maximum velocity, 30 Direction, SW Time. 10.30 a.m.

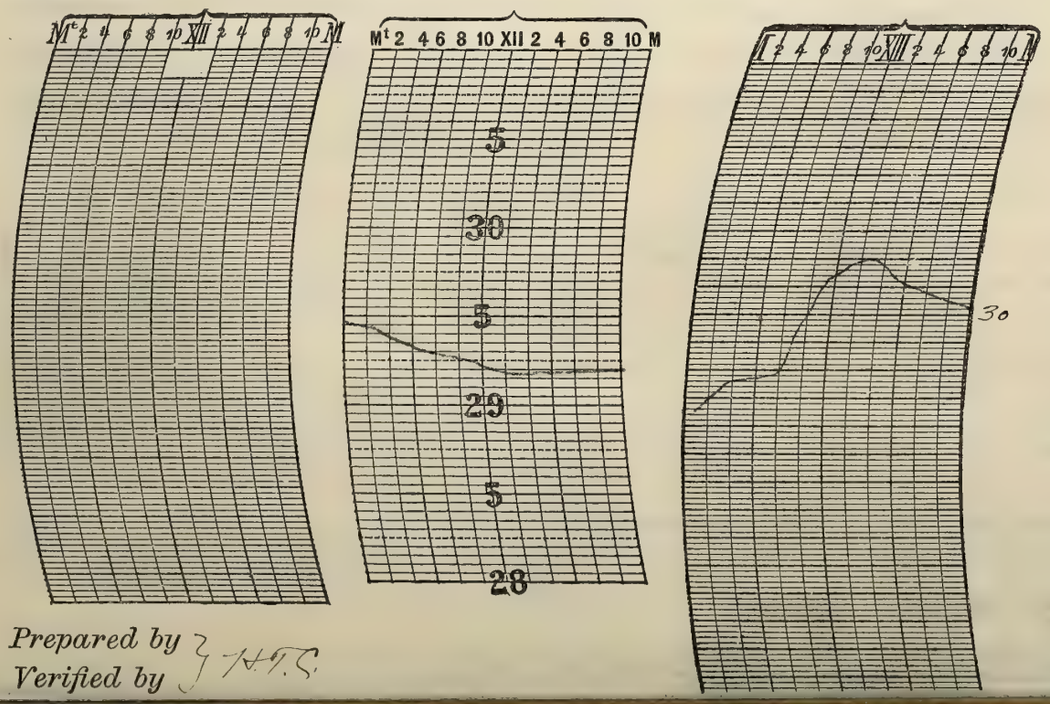
Ex 30

Relative humidity, 63 a. m. 67 p. m.

Reduced barometer, 30.27 a. m. 30.13 p. m.

River gage, 1.8 ft

NOTES.




Prepared by
Verified by } H.T.S.

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 14 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 30 | 29 | 28 | 27 | 26 | 26 | 26 | 26 | 30 | 33 | 38 | 40 | 45 | 47 | 47 | 45 | 43 | 40 | 38 | 37 | 37 | 36 | 34 | 32 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | | Cloudy | | | | | | | | | |
| Sunrise: Time, 6.58; Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.13; Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.4 | 0.4 | 0.8 | 1.0 | 0 | 1.0 | 1.0 | 0.3 (0.1, .22) | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | S | S | S | S | S | S | SW | S |
| Wind movement | 13 | 12 | 12 | 13 | 11 | 10 | 10 | 12 | 11 | 11 | 12 | 12 | 11 | 16 | 17 | 12 | 11 | 9 | 11 | 12 | 11 | 12 | 11 | 12 |
| Maximum velocities (exceeding 27 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 47 | 26 | 36 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 5.8

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 63

Prevailing direction SW

Total movement, 284

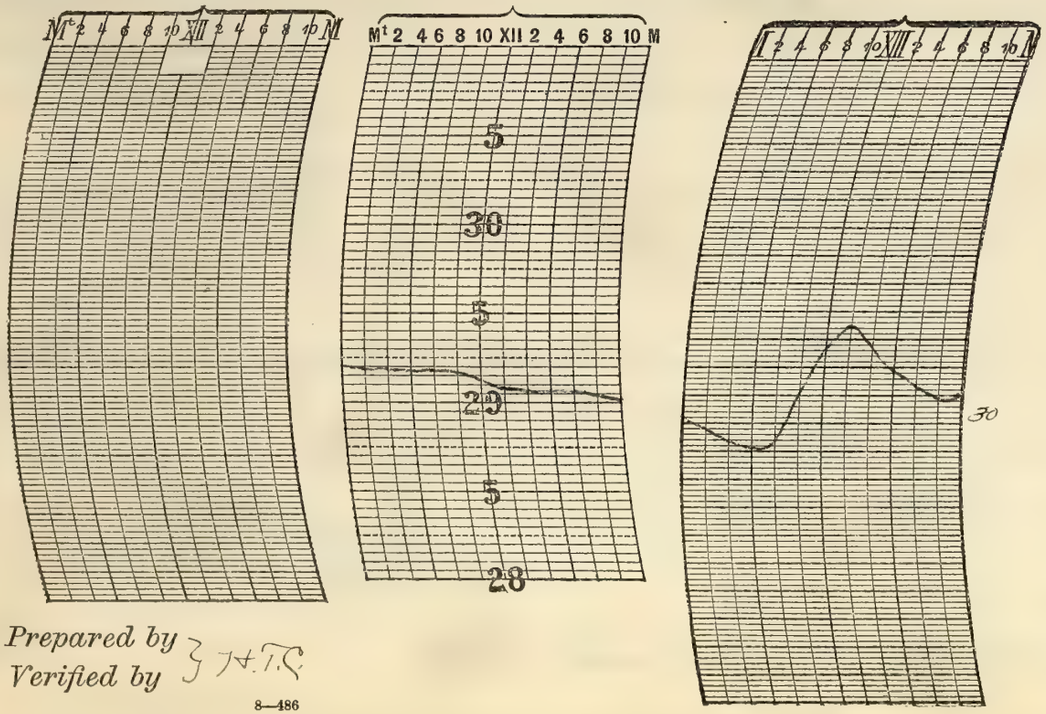
Average hourly velocity, 11.8

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 | SW | 2.30 p.m. |
| Ex 20 | | |

| | a. m. | p. m. |
|---|---|---|
| Relative humidity, | 67 | 72 |
| Reduced barometer, | 30.11 | 30.01 |

River gage, 1.8 ft.

NOTES.




Prepared by
Verified by } J.A.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 15 1912, 191

Time (local standard) 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 36 | 35 | 35 | 36 | 36 | 37 | 37 | 37 | 38 | 40 | 42 | 44 | 41 | 42 | 42 | 41 | 41 | 41 | 40 | 40 | 40 | 39 | 39 | 39 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | RB 110 RE 1.50 | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | .01 | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | — | Cloudy | | | | | — | Cloudy | | | | | | | | | | |
| Sunrise: Time, 6.59 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.14 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | 0 | 0 | 0.6 | 0.7 | 0.9 | 0.2 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | S | S | SW | S | S | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | W | W | W | W | W | W | W |
| Wind movement | 14 | 14 | 13 | 15 | 16 | 15 | 16 | 16 | 19 | 24 | 25 | 19 | 21 | 21 | 15 | 14 | 13 | 15 | 14 | 15 | 11 | 9 | 9 | 8 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | 30 SW 10.20 | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 44 | 35 | 40 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 9

Actual sunshine, hours, 2.4

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 26

Prevailing direction W, SW

Total movement, 371

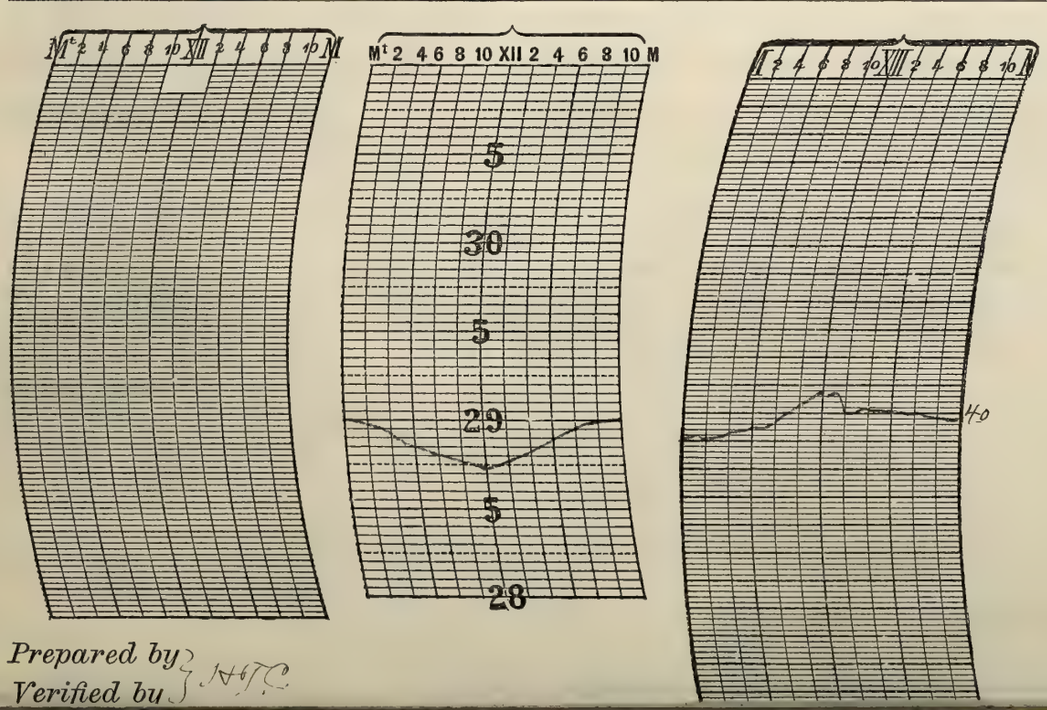
Average hourly velocity, 15.6

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 30 | SW | 10.20 a.m. |

| | a. m. | p. m. |
|---|---|---|
| Relative humidity, | 74 | 92 |
| Reduced barometer, | 29.74 | 29.88 |

River gage, 1.8 ft.

NOTES.




Prepared by
Verified by J. H. T. C.

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 16 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 38 | 38 | 38 | 37 | 37 | 37 | 36 | 36 | 37 | 38 | 38 | 39 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | |
| Sunrise: Time, Character, | 7.00 Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0 | 0 | 0 |
| Wind direction | W | W | W | W | W | SW | SW | W | W | W | SW | E |
| Wind movement | 8 | 7 | 6 | 5 | 5 | 4 | 5 | 2 | 2 | 1 | 2 | 4 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 40 | 40 | 40 | 40 | 39 | 39 | 38 | 38 | 38 | 36 | 35 | 37 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | Cloudy | | | | | | | | |
| Sunset: Time, Character, | | | | | | | | | 4.14 Cloudy | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | E | E | E | E | E | E | E | E | E | E | E | E |
| Wind movement | 3 | 3 | 4 | 6 | 5 | 7 | 7 | 8 | 8 | 11 | 10 | 10 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 40 | 35 | 38 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, First Quarter

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction E

Total movement, 135

Average hourly velocity, 5.6

Maximum velocity, 18 Direction, E Time. 10 10 pm

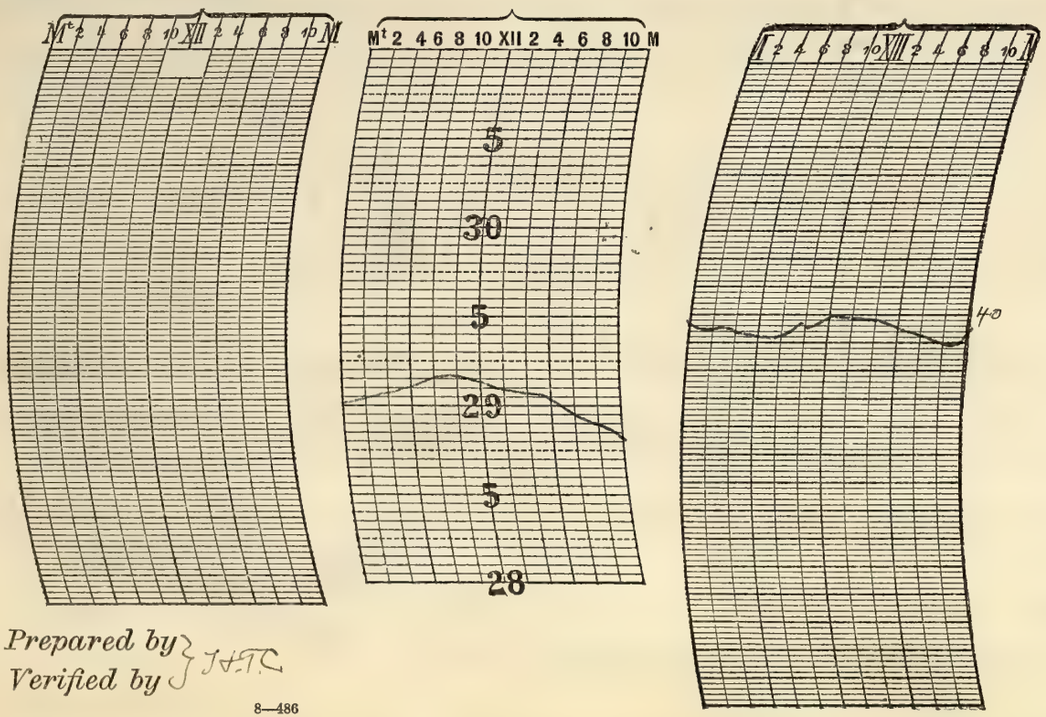
Ex 15

Relative humidity, 95 a. m. 91 p. m.

Reduced barometer, 30.10 a. m. 29.90 p. m.

River gage, 1.8 ft.

NOTES.




Prepared by
Verified by } J.H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 17 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 39 | 40 | 41 | 40 | 40 | 41 | 42 | 45 | 47 | 48 | 48 | 50 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | RB DN | | | | RE 7:45 | | | | |
| Amounts of precipitation | | | | T | .03 | .02 | T | .02 | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | |
| Sunrise: Time, 7.01 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0 | 0.3 | 0.6 |
| Wind direction | E | SE | SE | SE | SE | SE | S | S | S | SW | SW | SW |
| Wind movement | 10 | 11 | 10 | 13 | 12 | 13 | 14 | 16 | 17 | 18 | 22 | 21 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 50 | 50 | 50 | 48 | 46 | 44 | 42 | 40 | 39 | 37 | 36 | 35 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | Pt Cloudy | | | | | | | |
| Sunset: Time, 4.14 Character, Clear | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0.5 | 0.8 | 1.0 | 0.5 0.5 | 0 .23 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 23 | 21 | 23 | 19 | 16 | 13 | 13 | 11 | 8 | 8 | 10 | 9 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 50 | 35 | 42 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .07 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 6

Actual sunshine, hours, 4.4

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 48

Prevailing direction SW

Total movement, 351

Average hourly velocity, 14.6

Maximum velocity, 28 Direction, SW Time. 12.35 p.m.

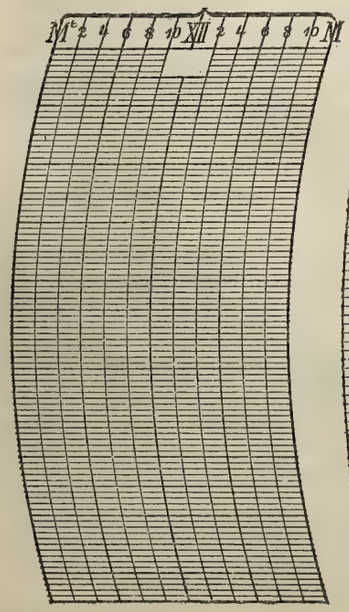
Ex 28

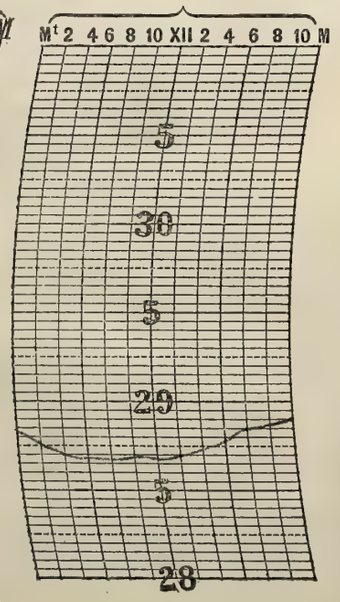
Relative humidity, 96 a. m. 70 p. m.

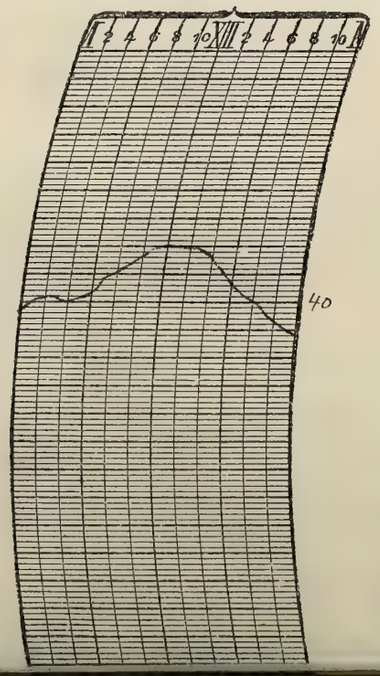
Reduced barometer, 29.57 a. m. 29.79 p. m.

River gage, 1.7 ft.

NOTES.






Prepared by
Verified by JHTC

Verified by

Form No. 1014—Mcu 1.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 18 1912, 191

Time (local standard), 70 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 34 | 33 | 32 | 31 | 31 | 31 | 30 | 31 | 32 | 33 | 34 | 35 34 SB 11.15 | 34 | 34 | 34 | 33 | 32 SL 4.25 | 32 | 32 | 32 | 32 | 31 | 31 | 29 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Cloudy | | | | | Cloudy | | | | | | | | | | |
| Sunshine (in tenths of hours) | Sunrise: Time, 7.01 Character, Cloudy | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | Sunset: Time, 4.15 Character, Cloudy | | | |
| Wind direction | SW | SW | SW | SW | S | SW | SW | SW | SW | SW | SW | SW | W | NW | NW | W | W | W | W | SW | SW | SW | SW | W |
| Wind movement | 9 | 8 | 8 | 9 | 8 | 6 | 7 | 6 | 7 | 5 | 6 | 7 | 7 | 9 | 6 | 6 | 9 | 11 | 12 | 11 | 13 | 12 | 12 | 16 |
| Maximum velocities (exceeding 20 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 35 | 29 | 32 | |

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T 0.1 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 210

Average hourly velocity, 8.8

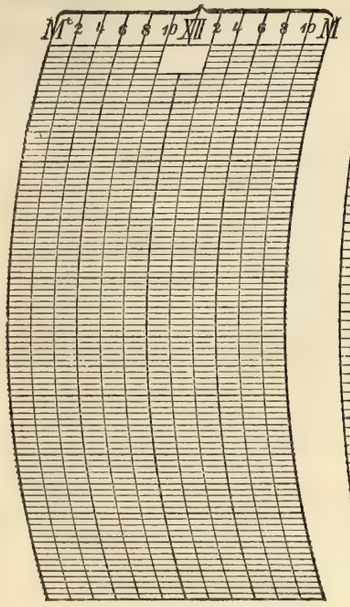
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 20 Ex 20 | W | 11.45 p m |

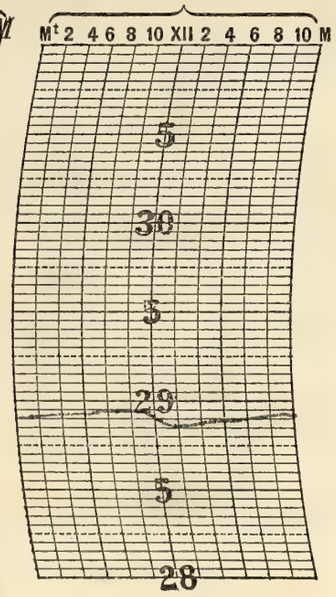
Relative humidity, 73 a. m. 79 p. m.

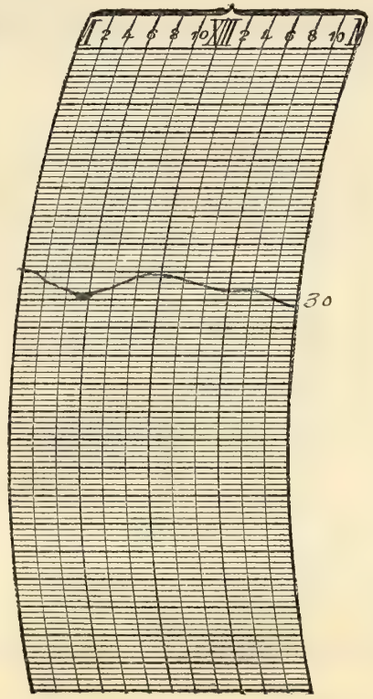
Reduced barometer, 29.89 a. m. 29.84 p. m.

River gage, 1.7 ft

NOTES.






Light Snow

Prepared by
Verified by JHS

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 19 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 29 | 29 | 28 | 28 | 27 | 26 | 27 | 27 | 26 | 25 | 26 | 27 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | SB DN | | SE DN | | SB 7.04 | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | |
| Sunrise: Time, 7.02 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0 | 0 | 0 |
| Wind direction | W | W | W | W | W | W | W | W | W | W | W | W |
| Wind movement | 14 | 12 | 16 | 14 | 17 | 16 | 16 | 13 | 14 | 17 | 15 | 12 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 28 | 28 | 29 | 30 | 29 | 28 | 28 | 28 | 28 | 27 | 26 | 30 |
| State of weather: Nature of precipitation and time of beginning and ending | | | SE 2.10 | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | Cloudy | | | | | | | | |
| Sunset: Time, 4.15 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | W | SW | SW | SW | SW | S | SE | S | S | SE | SE | SE |
| Wind movement | 13 | 15 | 14 | 11 | 8 | 7 | 8 | 11 | 9 | 7 | 8 | 8 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 30 | 25 | 28 | |

Total depth of snow for 24 hours ending 7 p. m., 7 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 7 inches.

Precipitation to 7 a. m., 7 ins.; to 7 p. m., 7 ins.

Total precipitation, midnight to midnight, 7 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10.0

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction W

Total movement, 295

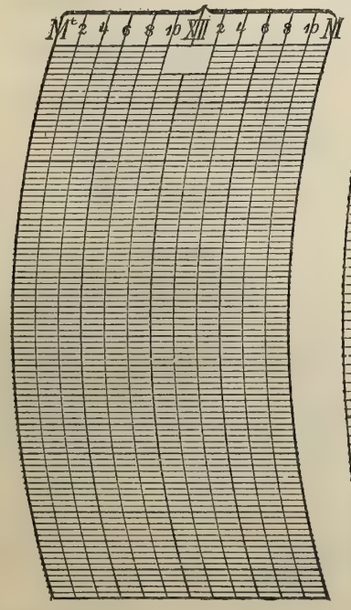
Average hourly velocity, 12.3

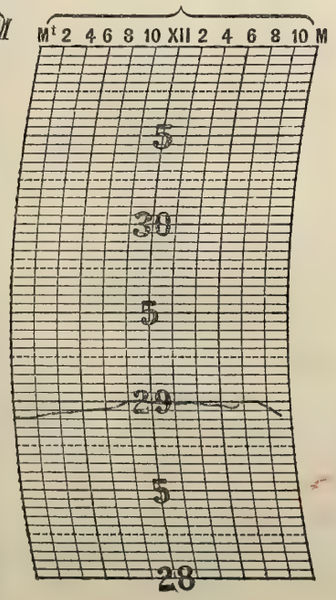
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 22 | W | 4.45 a.m. |

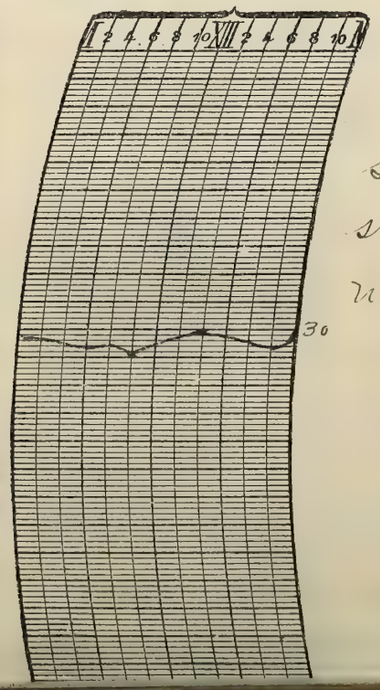
Relative humidity, 76 a. m. 66 p. m.

Reduced barometer, 29.92 a. m. 29.93 p. m.

River gage, 1.6 ft.




NOTES.

Light Snow during the day

Streets and walks icy and slippery from snow of the previous day. The snow was moist and froze during the night.

Prepared by
Verified by } H.T.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 20 1912, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 32 | 31 | 32 | 32 | 32 | 32 | 33 | 31 | 33 | 36 | 37 | 38 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Partly Cloudy | | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 1.0 | 1.0 | 1.0 |
| Wind direction | S | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 8 | 15 | 17 | 20 | 23 | 25 | 21 | 19 | 17 | 19 | 19 | 19 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | ~~30 W 4.30~~ | | | | | | |

Sunrise: Time, 7.02; Character, Cloudy

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 40 | 39 | 36 | 34 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | SB 7.36 | | | SE 10.20 | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | Cloudy | | | | | | | | | |
| Sunshine (in tenths of hours) | 0.9 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | W | W | W | W | W | W | SW | W |
| Wind movement | 23 | 23 | 21 | 20 | 20 | 16 | 17 | 19 | 12 | 14 | 15 | 13 |
| Maximum velocities (exceeding 29 miles) direction and time | 30 SW 12.50 | | | | | | | | | | | |

Sunset: Time, 4.15; Character, Cloudy

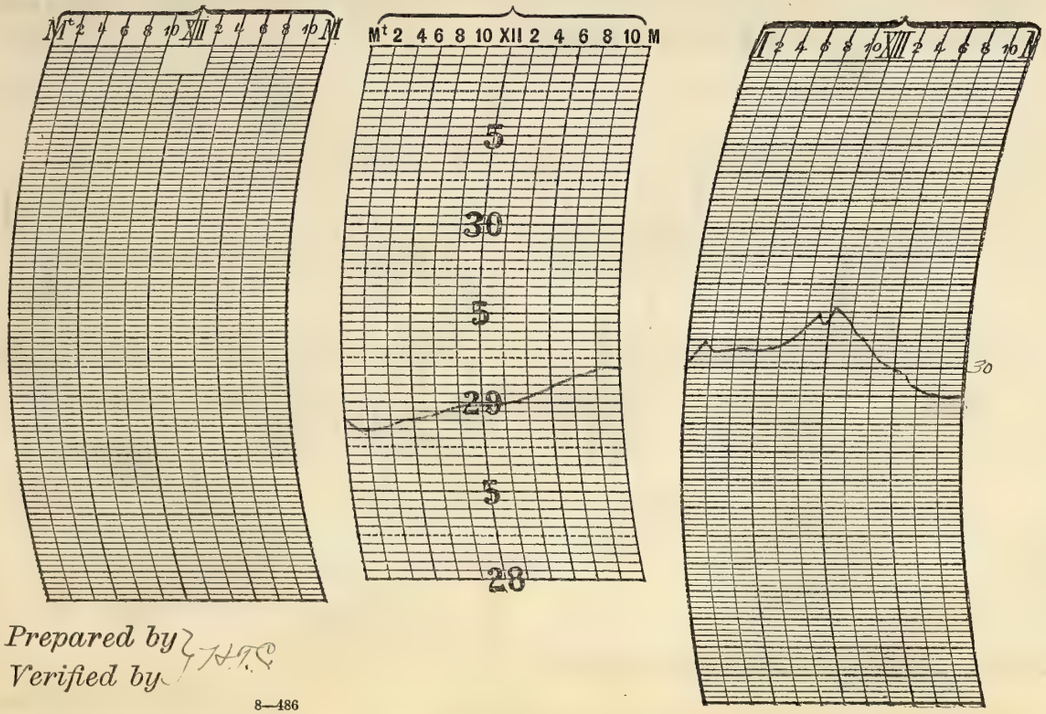
| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 40 | 25 | 32 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Partly Cloudy. Moon phase,
Average daily cloudiness (0–10) 6
Actual sunshine, hours, 3.9
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 42
Prevailing direction SW
Total movement, 435
Average hourly velocity, 18.1

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 30 Ex 32 | SW | 12.50 pm. |

Relative humidity, 85 a. m., 78 p. m.
Reduced barometer, 29.88 a. m., 30.09 p. m.
River gage, 1.7 ft.




NOTES.

Light Snow during night.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 21 1912, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 25 | 25 | 24 | 21 | 21 | 20 | 20 | 19 | 18 | 20 | 22 | 23 | 24 | 25 | 26 | 25 | 24 | 23 | 22 | 22 | 21 | 20 | 20 | 20 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Pt Cloudy | | | | | Pt Cloudy | | | | | | | | | | | |
| Sunrise: Time, 7.03 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.16 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0.4 | 1.0 | 1.0 | 1.0 | 0.9 | 0.6 | 0.9 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | W | SW | SW | SW | SW | SW | SW | W | W | W | W | W | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 12 | 11 | 15 | 13 | 12 | 14 | 14 | 15 | 15 | 14 | 13 | 15 | 16 | 14 | 16 | 12 | 9 | 9 | 7 | 8 | 8 | 9 | 10 | 10 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 26 | 18 | 22.5 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 5.8

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 63

Prevailing direction SW

Total movement, 291

Average hourly velocity, 12.1

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 | SW | 3.05 p.m. |
| Ex 19 | | |

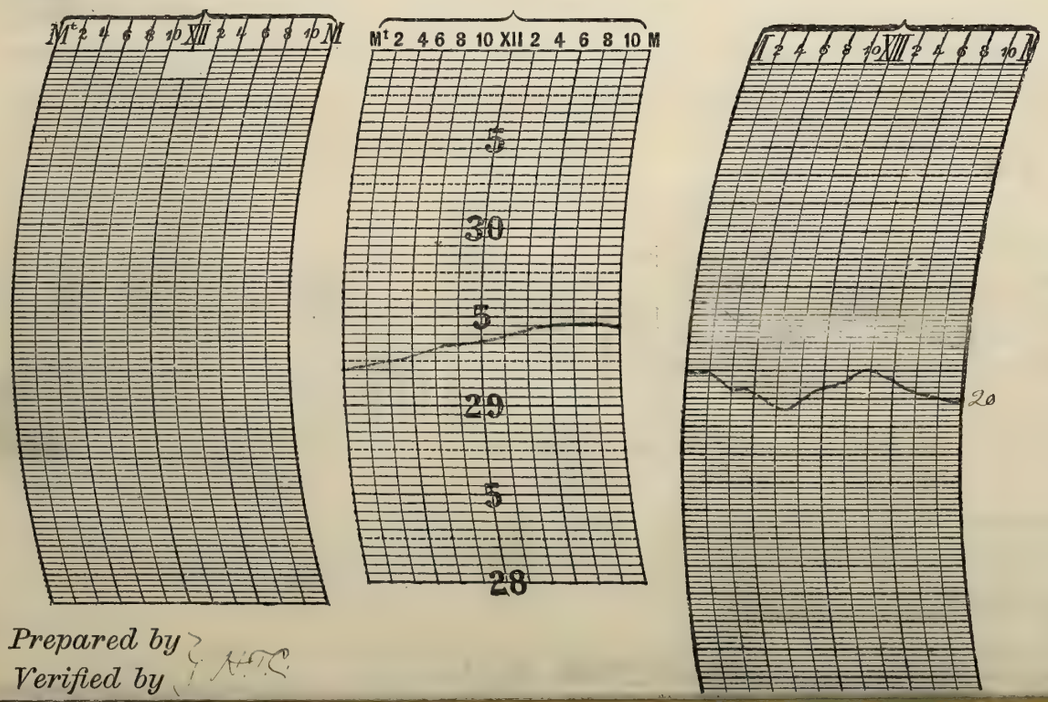
Relative humidity, 78 a. m. 72 p. m.

Reduced barometer, 30.26 a. m. 30.43 p. m.

River gage, 1.7 ft.

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

NOTES.




Prepared by
Verified by

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 22 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 21 | 23 | 24 | 25 | 24 | 25 | 23 | 23 | 25 | 26 | 28 | 30 | 31 | 32 | 32 | 31 | 29 | 28 | 26 | 25 | 24 | 22 | 20 | 19 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | | Cloudy | | | | | | | | | | |
| Sunrise: Time, 7.03 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.16 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0.3 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | W | W | W | W | W | W | W | SW | SW | SW | SW | SW |
| Wind movement | 13 | 13 | 14 | 14 | 11 | 14 | 10 | 10 | 11 | 13 | 12 | 13 | 13 | 13 | 12 | 10 | 7 | 7 | 5 | 6 | 6 | 6 | 6 | 5 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 32 | 19 | 26 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 5.1

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 55

Prevailing direction SW

Total movement, 244

Average hourly velocity, 10.2

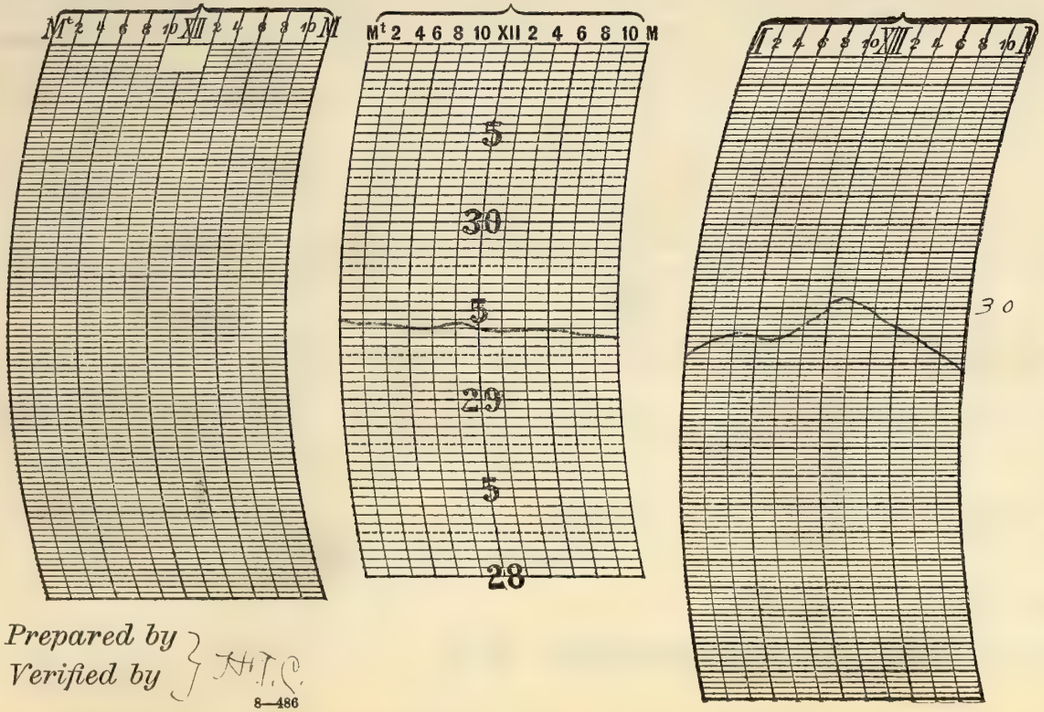
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 17 | SW | 11.10 a.m. |

Relative humidity, 60 a. m. 58 p. m.

Reduced barometer, 30.37 a. m. 30.36 p. m.

River gage, 1.6 ft.

NOTES.




Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 23 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 19 | 19 | 19 | 19 | 18 | 17 | 16 | 18 | 20 | 25 | 28 | 31 | 33 | 34 | 35 | 35 | 34 | 33 | 32 | 31 | 30 | 30 | 30 | 30 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — Cloudy — | | | | | — Cloudy — | | | | | | | | | | | |
| | Sunrise: Time, 7.04 Character, Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.17 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0 | 0 | 0.1 | 0.2 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | S | S | SW | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | SW | SW | SW | SW |
| Wind movement | 7 | 3 | 5 | 5 | 3 | 5 | 6 | 7 | 9 | 9 | 8 | 9 | 10 | 9 | 10 | 7 | 8 | 9 | 10 | 10 | 9 | 10 | 11 | 10 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 35 | 16 | 26 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, Full Wane

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.3

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 3

Prevailing direction S

Total movement, 189

Average hourly velocity, 7.9

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 12 | SW | 10.45 p.m. |

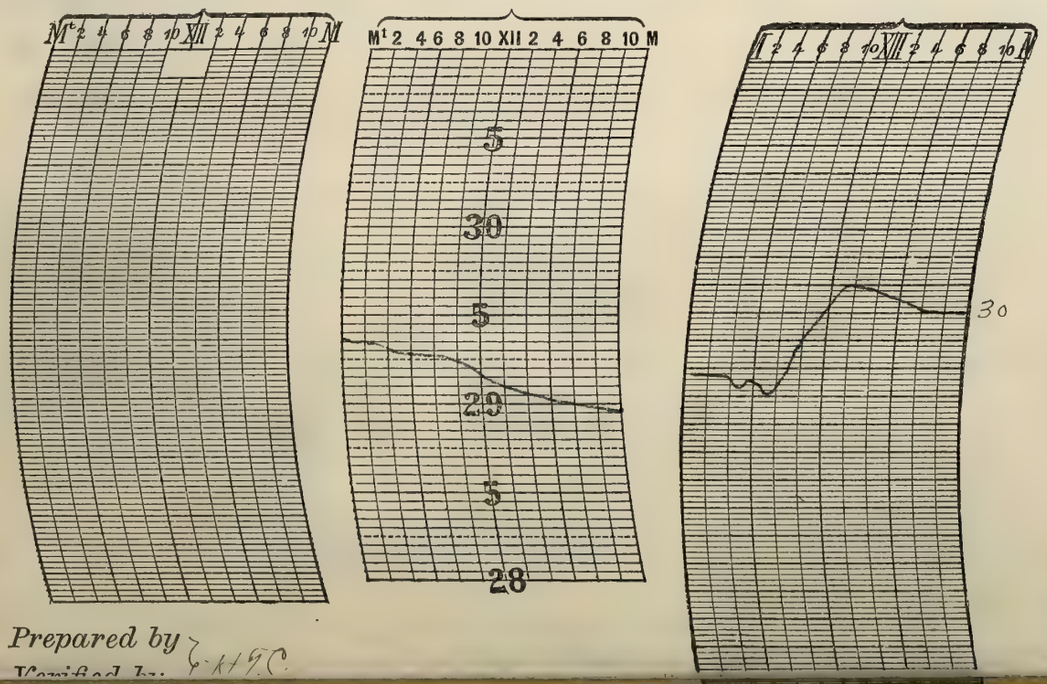
Ex 12

Relative humidity, 74 a. m. 70 84 p. m.

Reduced barometer, 30.24 a. m. 29.96 p. m.

River gage, 1.6 ft.

NOTES.




Prepared by

Verified by

Verified by F.H.S.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 24 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 28 | 29 | 29 | 28 | 26 | 24 | 25 | 25 | 27 | 30 | 31 | 31 | 33 | 35 | 38 | 39 | 38 | 36 | 34 | 33 | 32 | 31 | 30 | 29 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Cloudy | | | | Clear | | | | | | | | | | | |
| Sunrise: Time, Character | 7.04 Cloudy | | | | | | | | | | | | | | | | | | | | Sunset: Time, Character | 4.18 Clear | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0 | 0 | 0.2 | 1.0 | 1.0 | 1.0 | 0.7 30 0.3 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | SW | W | SW | SW | SW | S | S | S | S | S | S |
| Wind movement | 12 | 10 | 11 | 11 | 11 | 10 | 9 | 7 | 9 | 10 | 12 | 14 | 13 | 12 | 10 | 10 | 8 | 7 | 7 | 8 | 11 | 12 | 12 | 12 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 59 | 24 | 32 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 4.5

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 49

Prevailing direction SW

Total movement, 248

Average hourly velocity, 10.3

Maximum velocity, 16 Direction, W Time. 11.18 am

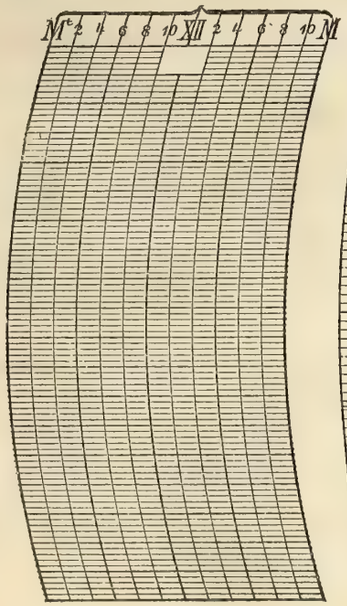
Ex 16

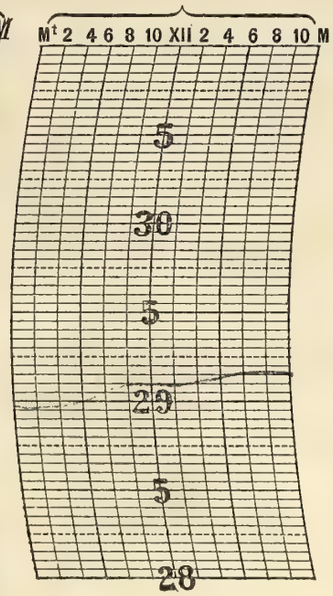
Relative humidity, 70 a. m. 63 p. m.

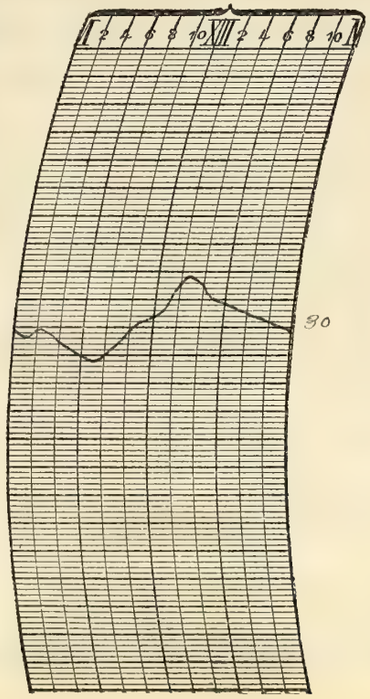
Reduced barometer, 29.73 a. m. 30.10 p. m.

River gage, 1.5 ft.

NOTES.






Prepared by

Verified by F.H.S.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 25 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 28 | 28 | 27 | 27 | 27 | 26 | 27 | 27 | 28 | 30 | 35 | 38 | 40 | 41 | 41 | 40 | 39 | 37 | 35 | 34 | 32 | 32 | 31 | 29 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Clear | | | | | Clear | | | | | | | | | | | |
| Sunrise: Time, 7.05 Character, Clear | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.18 Character, Clear | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | S | S | S | S | S | S | S | S | S |
| Wind movement | 12 | 13 | 15 | 14 | 16 | 18 | 16 | 18 | 18 | 18 | 22 | 19 | 19 | 18 | 16 | 11 | 9 | 11 | 13 | 15 | 14 | 13 | 12 | 8 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 41 | 26 | 34 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 9.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 358

Average hourly velocity, 14.9

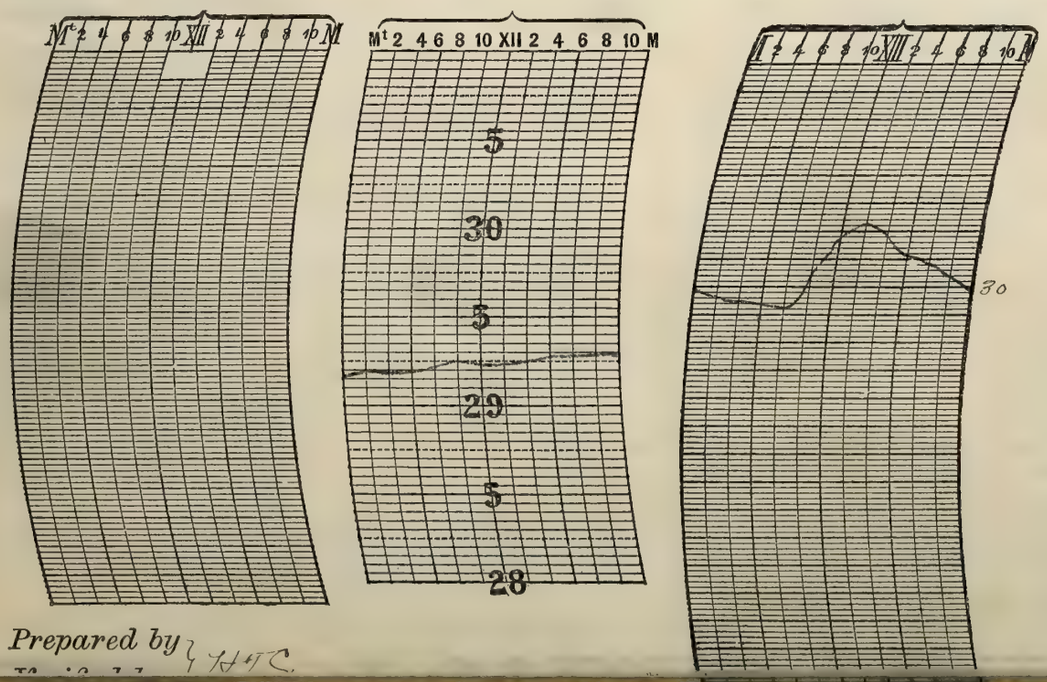
Maximum velocity, 25 Ex 25 Direction, SW Time, 10.18 a.m.

Relative humidity, 73 a. m. 77 p. m.

Reduced barometer, 30.14 a. m. 30.23 p. m.

River gage, 13 ft.

NOTES.




Prepared by HTC

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 26 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 28 | 27 | 27 | 27 | 28 | 28 | 29 | 29 | 30 | 32 | 37 | 40 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | — | Clear | — | | |
| Sunrise: Time, 7.05 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0.3 | 1.0 | 1.0 | 1.0 |
| Wind direction | S | S | S | S | S | S | S | S | S | SW | SW | SW |
| Wind movement | 8 | 8 | 9 | 11 | 10 | 10 | 11 | 11 | 11 | 13 | 17 | 15 |

| | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 41 | 42 | 42 | 40 | 38 | 36 | 34 | 33 | 33 | 31 | 31 | 31 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | RR 4.00 RE 5.00 | SR 5.30 | | | | SN 9.30 | | |
| Amounts of precipitation | | | | | T | | .03 | .01 | .01 | | | |
| Cloudiness and other conditions | | | | — | Partly | Cloudy | — | | | | | |
| Sunset: Time, 4.19 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0.7 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | W | W | W | NW |
| Wind movement | 13 | 14 | 12 | 11 | 12 | 11 | 8 | 9 | 8 | 11 | 11 | 12 |

Maximum velocities (exceeding 29 miles) direction and time

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 42 | 27 | 34 | |

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.5 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.3 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 4.0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 43

Prevailing direction SW

Total movement, 328

Average hourly velocity, 13.7

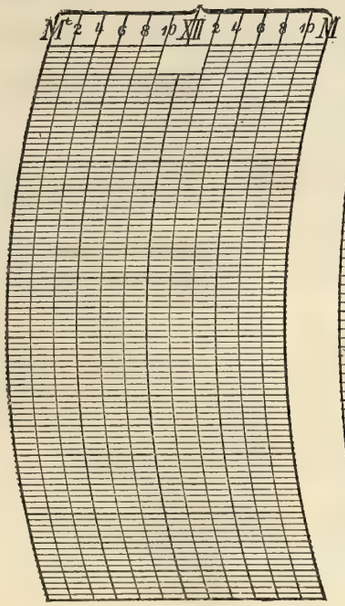
Maximum velocity, 19 Direction, SW Time. 10.30 a.m.

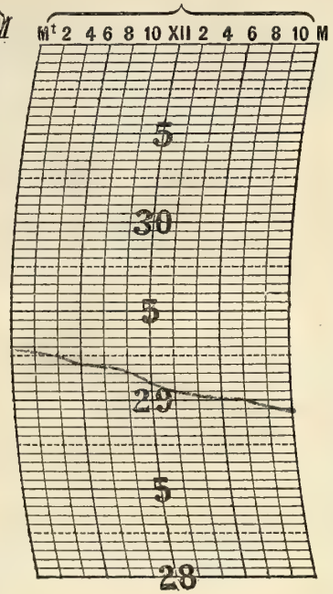
Ex 20

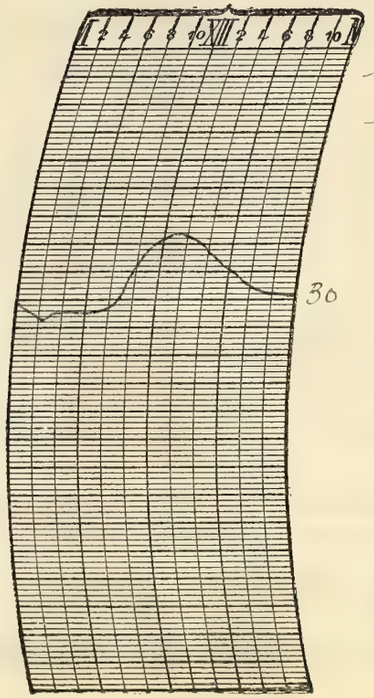
Relative humidity, 80 a. m. 95 p. m.

Reduced barometer, 30.13 a. m. 29.95 p. m.

River gage, 1.5 ft.






NOTES.

Streets and walks slushy during early evening

Prepared by

Verified by J. N. T.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 27 1912, 191

Time (local standard), 90 mer.

| | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 30 | 29 | 29 | 28 | 27 | 27 | 27 | 26 | 24 | 26 | 28 | 29 | 29 | 29 | 30 | 30 | 29 | 28 | 27 | 26 | 24 | 21 | 20 | 19 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | SB PN | | | | | | | | | | | | SE 4.00 | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Cloudy | | | | | Cloudy | | | | | | | | | | |
| Sunrise: Time, 7.05 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.19 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | 0 | | | | 0 | 0 | 0 | 0.1 | 0 | 0 | 0.1 | 0.6 | 0 | 0 | | | | | | | |
| Wind direction | NW | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | W | SW | SW | SW | SW | SW |
| Wind movement | 14 | 16 | 13 | 16 | 17 | 17 | 16 | 15 | 15 | 18 | 16 | 17 | 17 | 16 | 17 | 18 | 17 | 16 | 14 | 14 | 16 | 15 | 17 | 19 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

---- hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 31 | 19 | 25 | |

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., 0.3 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.1 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 8.8

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 9

Prevailing direction W

Total movement, 386

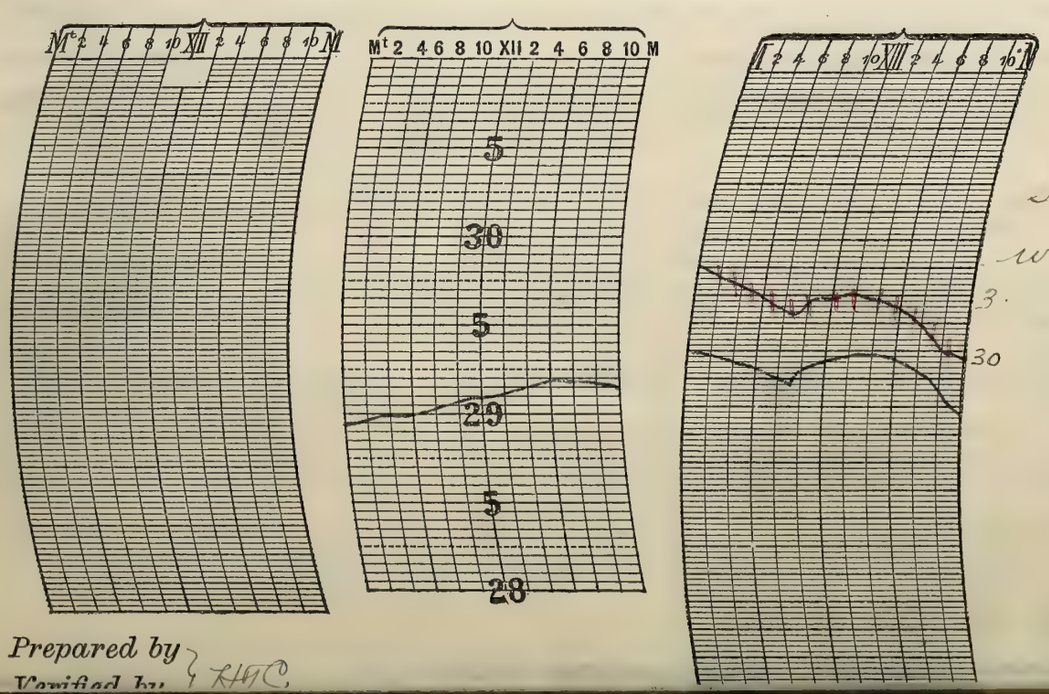
Average hourly velocity, 16.1

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 22 Ex 23 | SW | 11.46 p.m. |

Relative humidity, 76 a. m. 82 p. m.

Reduced barometer, 29.96 a. m. 30.15 p. m.

River gage, 1.6 ft.




## NOTES.

Light Snow fell during the day

Streets and walks slippery from melting snow which froze during the night

Prepared by
Verified by } RHC.

Verified by J. H. T.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 28 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 19 | 19 | 19 | 19 | 19 | 20 | 22 | 23 | 25 | 28 | 33 | 37 | 39 | 41 | 42 | 41 | 40 | 38 | 37 | 36 | 36 | 36 | 34 | 37 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Clear | | | | | Clear | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | | 90 0 | 0.3 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 0.4 | .33 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | S | S | S | S | S | SW | SW | SW | SW |
| Wind movement | 20 | 19 | 18 | 18 | 17 | 16 | 16 | 12 | 16 | 17 | 18 | 16 | 14 | 15 | 15 | 14 | 12 | 12 | 13 | 12 | 14 | 15 | 13 | 15 |
| Maximum velocities (exceeding 25 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 7.56 Character, Clear

Sunset: Time, 4.20 Character, Clear

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

---------- hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 42 | 19 | 30 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 9.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 367

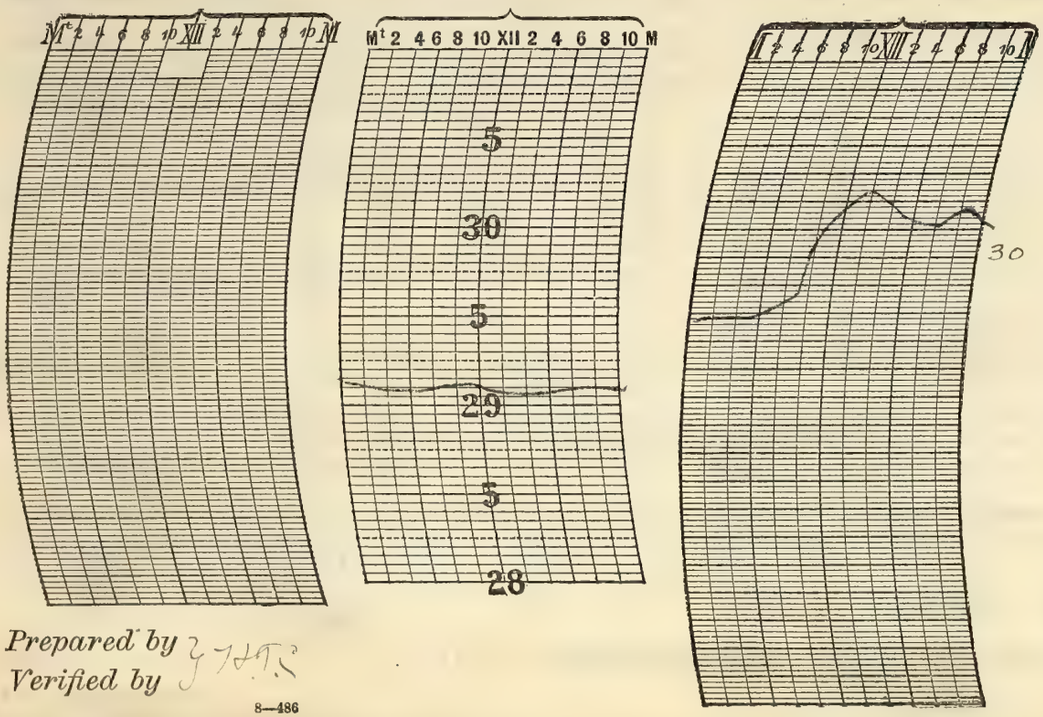
Average hourly velocity, 15.3

| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 23 | SW | 12.37 p.m. |
| 8 23 | | a.m. |

Relative humidity, 72 a. m. 70 p. m.

Reduced barometer, 30.04 a. m. 30.03 p. m.

River gage, 16 ft.




NOTES.

Streets and walks slippery with snow and ice

Prepared by
Verified by J. H. T.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 29 1912, 191

Time (local standard), 90 mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | 37 | 36 | 35 | 34 | 34 | 33 | 34 | 34 | 35 | 36 | 38 | 39 | 40 | 40 | 37 | 34 | 34 | 34 | 35 | 35 | 35 | 35 | 34 | 35 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | RB 2.25 | | RE 4.15 SB 4.40 SE 5.00 | RB 5.20 | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | T | .02 | .01 | .01 | T | T | T | .03 | .07 | .07 |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | | | Cloudy | | | | | | | | | | |
| Sunrise: Time, 7.06 Character, Cloudy | | | | | | | | | | | | | | | | | | | | | Sunset: Time, 4.21 Character, Cloudy | | | |
| Sunshine (in tenths of hours) | | | | 0 | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | SW | SW | SW | SW | SW | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S |
| Wind movement | 14 | 14 | 14 | 13 | 12 | 13 | 13 | 11 | 14 | 13 | 13 | 11 | 11 | 11 | 12 | 12 | 13 | 12 | 16 | 17 | 16 | 13 | 13 | 15 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 40 | 33 | 36 | |

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .21 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction S

Total movement, 316

Average hourly velocity, 13.1

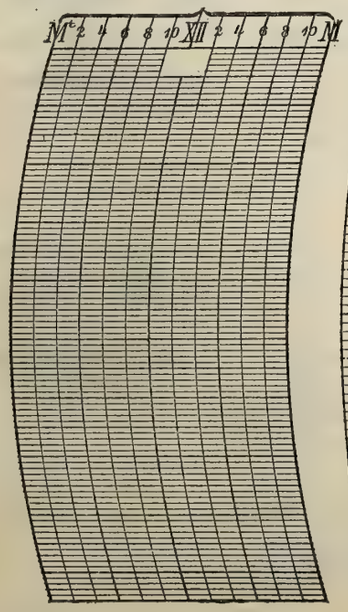
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 19 Ex20 | S | 3.00 p.m |

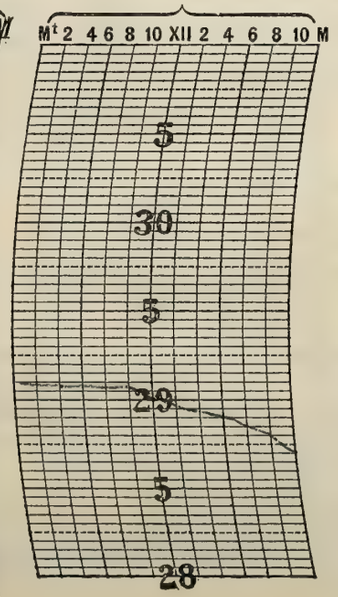
Relative humidity, 77 a. m. 100 p. m.

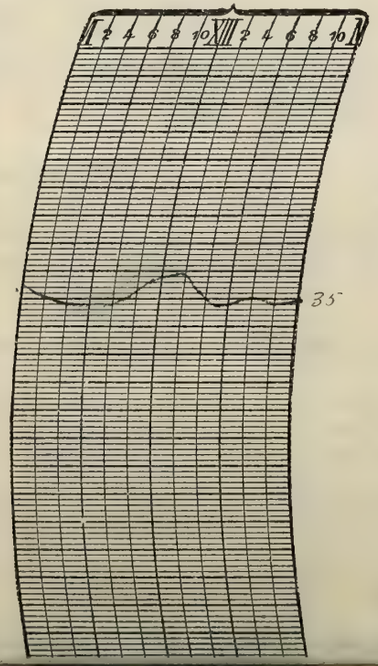
Reduced barometer, 30.02 a. m. 29.84 p. m.

River gage, 1.5 ft.

NOTES.






Prepared by } H.T.C.

Form No. 1012—Mec 1.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 30 1912, 191

Time (local standard), 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 36 | 36 | 36 | 36 | 36 | 36 | 37 | 37 | 36 | 36 | 36 RE 0.20 | 36 | 36 | 36 | 37 | 37 | 36 | 36 | 36 | 35 | 35 | 36 | 36 | 37 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | .08 | .06 | .02 | .01 | .01 | .02 | .01 | .01 | T | .01 | T | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | Cloudy | | | | Cloudy | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.6 | 0.1 | 0 | | | | | | | |
| Wind direction | S | S | S | S | S | SW | SW | SW | SW | SW | NW | NW | SW | SW | SW | SW | SW | SW | S | S | S | S | S | S |
| Wind movement | 18 | 18 | 15 | 12 | 10 | 11 | 11 | 15 | 17 | 16 | 19 | 19 | 20 | 17 | 16 | 15 | 11 | 11 | 13 | 16 | 15 | 15 | 15 | 17 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

Sunrise: Time, 7.06 Character, Cloudy

Sunset: Time, 4.22 Character, Cloudy

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| | Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|---|
| | 37 | 25 | 36 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .38 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .23 inches.

Character of day, Cloudy Moon phase, Last Qu

Average daily cloudiness (0-10) 7.8

Actual sunshine, hours, 0.7

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 8

Prevailing direction S. SW

Total movement, 362

Average hourly velocity, 15.1

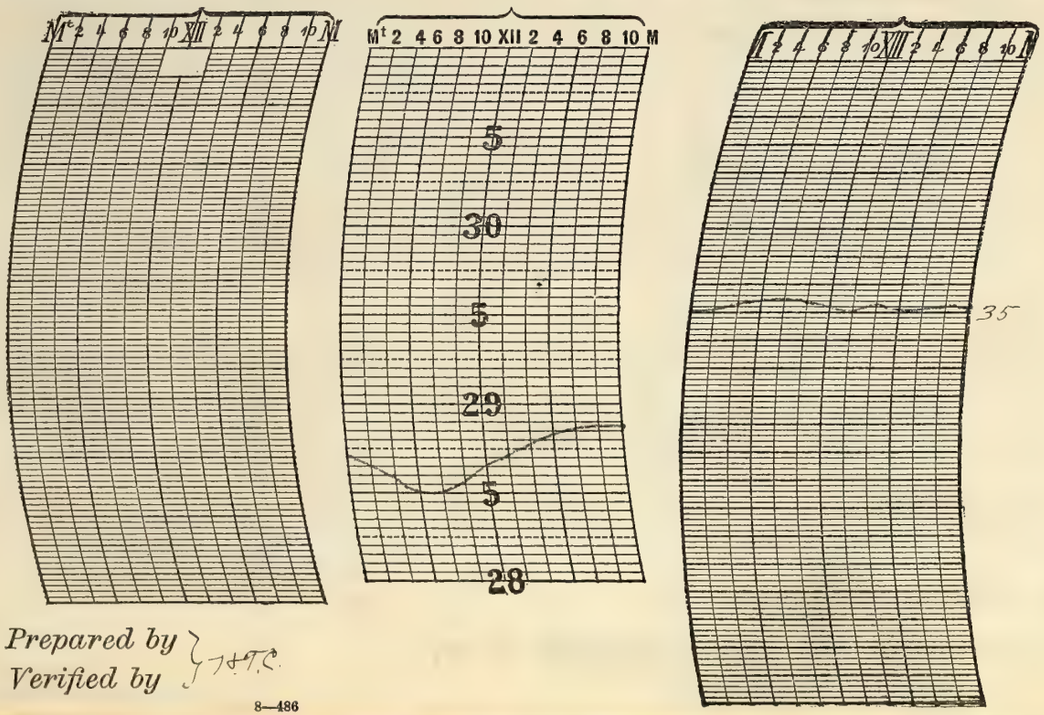
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 24 | W | 11.30 a.m. |
| Ex 24 | | |

Relative humidity, 97 a. m. 78 p. m.

Reduced barometer, 29.44 a. m. 29.81 p. m.

River gage, 1.8 ft

NOTES.




Prepared by
Verified by } J.S.T.C.

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 31 1912, 191

Time (local standard) 90 mer.

| | A. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 37 | 37 | 37 | 38 | 37 | 37 | 36 | 37 | 38 | 39 | 40 | 40 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | Cloudy | | | | |
| Sunrise: Time, 7.06 Character, Cloudy | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | | | | | | | | 0 | 0 | 0.1 | 0.4 | 0 |
| Wind direction | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 19 | 19 | 18 | 19 | 19 | 19 | 13 | 18 | 17 | 17 | 15 | 12 |
| Maximum velocities (exceeding 29 miles) direction and time | | | | | | | | | | | | |

| | P. M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | 41 | 42 | 41 | 40 | 38 | 36 | 35 | 34 | 33 | 32 | 31 | 30 |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | |
| Cloudiness and other conditions | | Cloudy | | | | | | | | | | |
| Sunset: Time, 4.22 Character, 0.9 | | | | | | | | | | | | |
| Sunshine (in tenths of hours) | 0.4 | 0 | 0 | 0 | 0 | | | | | | | |
| Wind direction | SW | W | SW | SW | SW | SW | SW | SW | SW | SW | SW | SW |
| Wind movement | 10 | 11 | 11 | 10 | 7 | 8 | 7 | 9 | 8 | 7 | 7 | 7 |

| Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| 42 | 30 | 36 | |

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 0.9

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 10

Prevailing direction SW

Total movement, 307

Average hourly velocity, 12.8

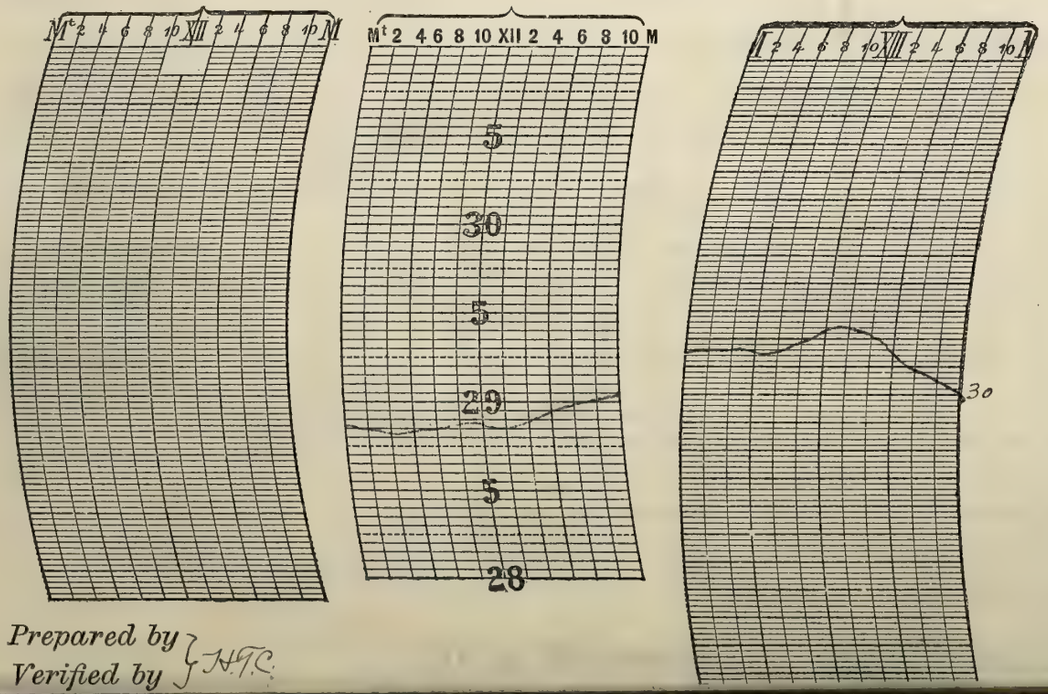
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| 23 Ex 23 | SW | 5.0 8 a.m. |

Relative humidity, 82 a. m. 73 p. m.

Reduced barometer, 29.78 a. m. 29.94 p. m.

River gage, 2.3 ft.

NOTES.




Prepared by
Verified by } H.T.C.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____ mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

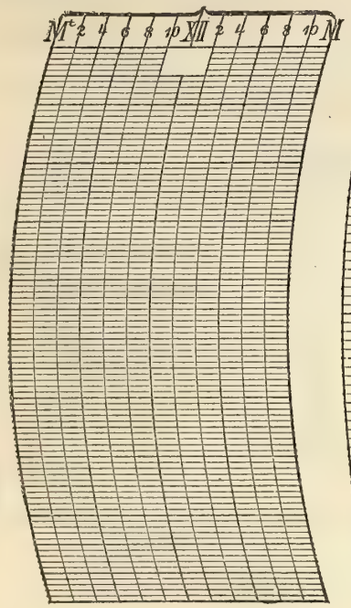
Maximum velocity, ____ Direction, ____ Time. ____

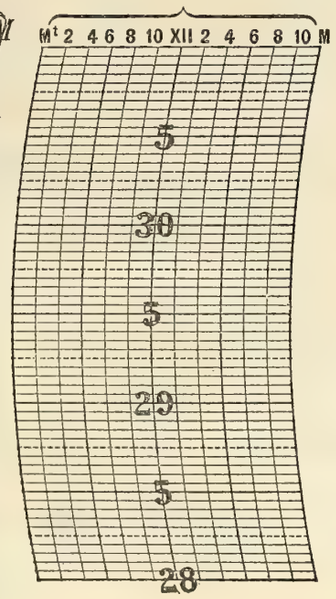
Relative humidity, ____ a. m. ____ p. m.

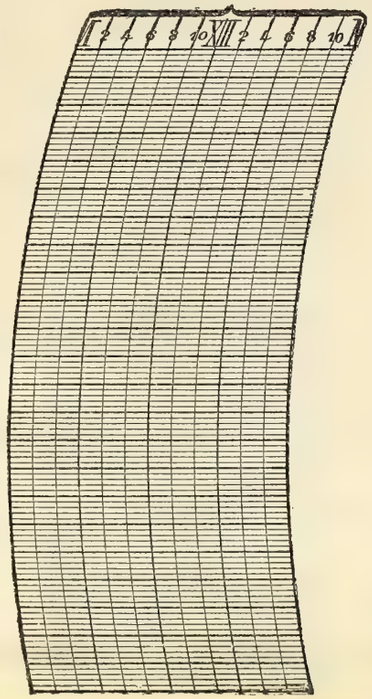
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.





*Prepared by*

*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

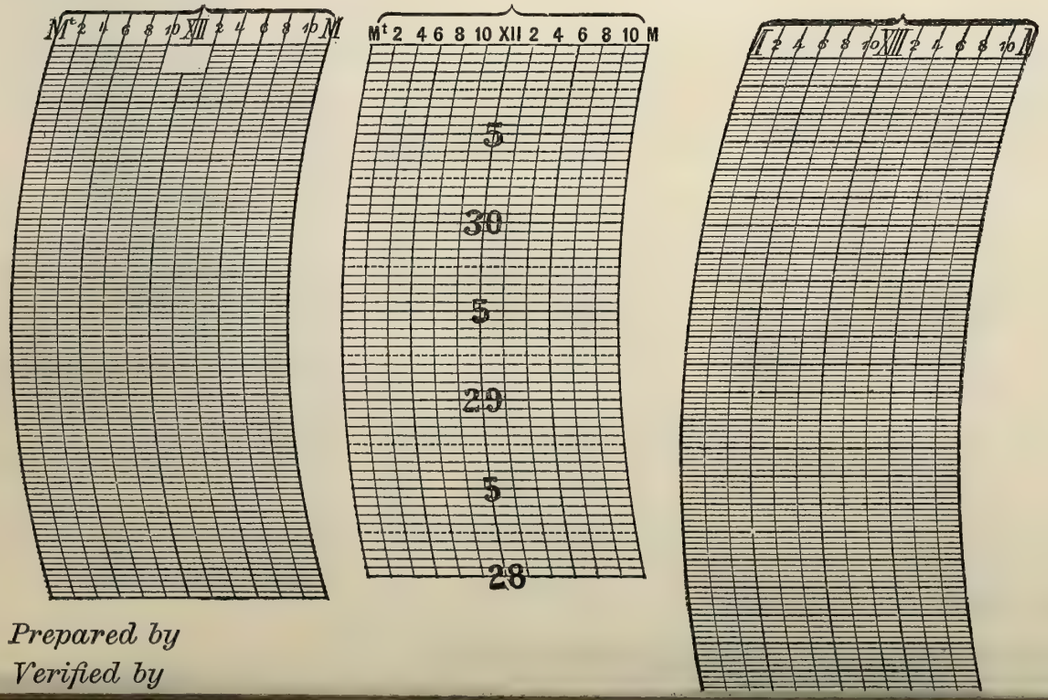
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.




*Prepared by*

*Verified by*

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, _____ Character, _____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, _____ Character, _____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding _____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

_____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

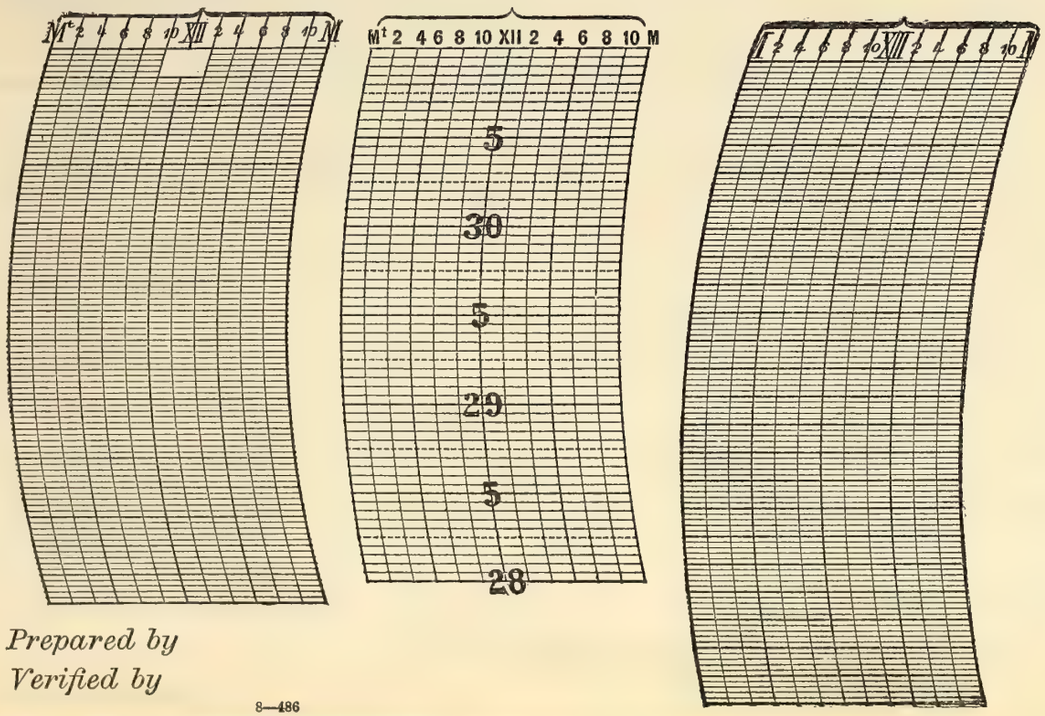
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.




*Prepared by*
*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____ mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.

*Prepared by*

*Verified by*

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____ mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

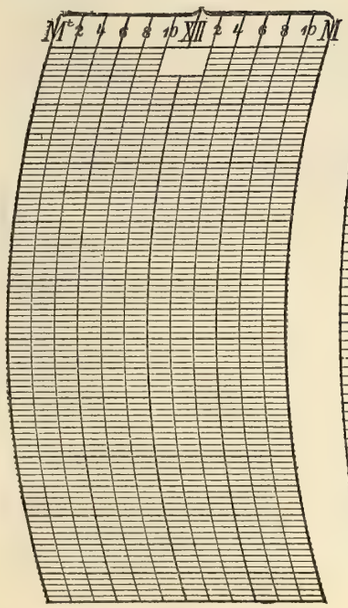
Maximum velocity, ____ Direction, ____ Time. ____

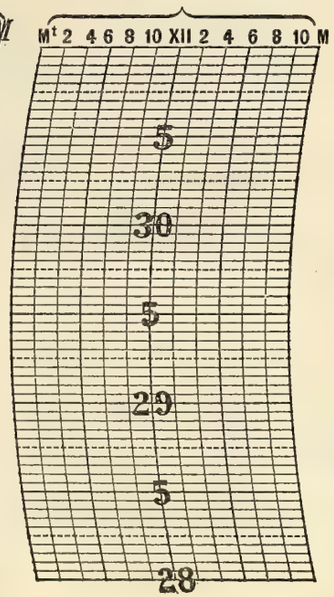
Relative humidity, ____ a. m. ____ p. m.

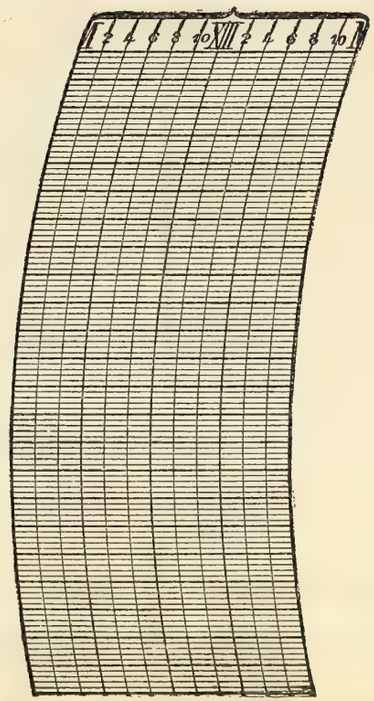
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.




*Prepared by*

*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

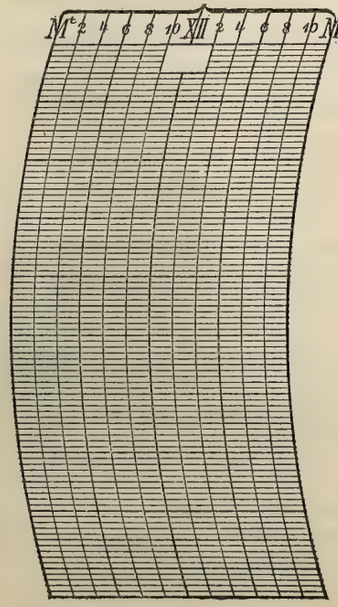
Maximum velocity, ____ Direction, ____ Time. ____

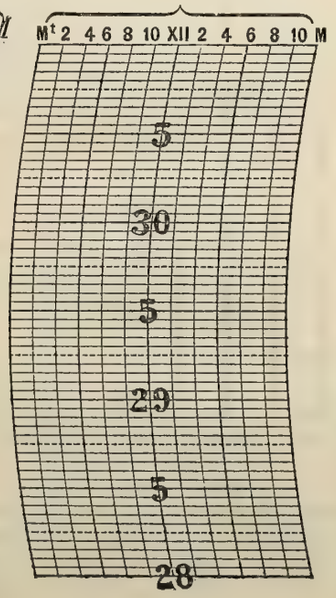
Relative humidity, ____ a. m. ____ p. m.

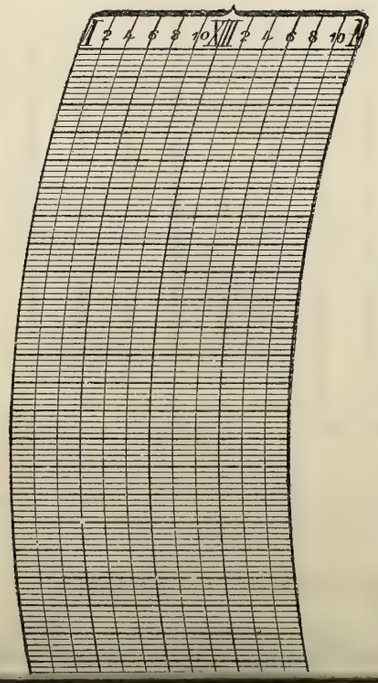
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.





*Prepared by*

*Verified by*

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____ mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

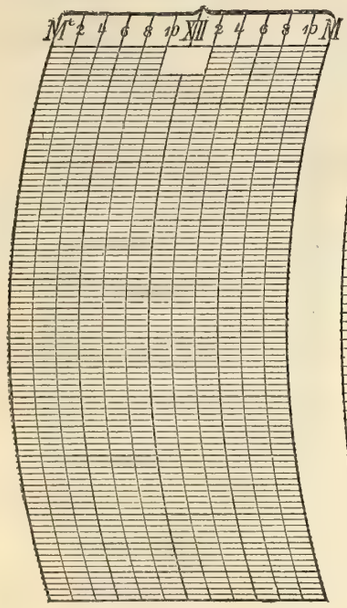
Maximum velocity, ____ Direction, ____ Time. ____

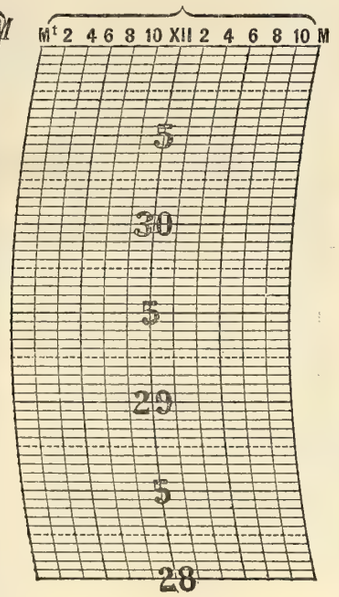
Relative humidity, ____ a. m. ____ p. m.

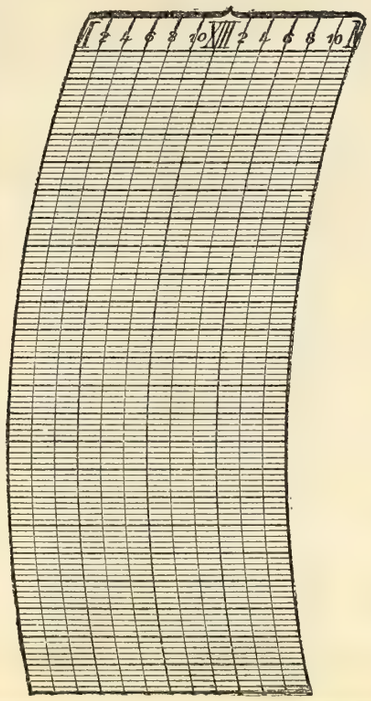
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.




*Prepared by*
*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

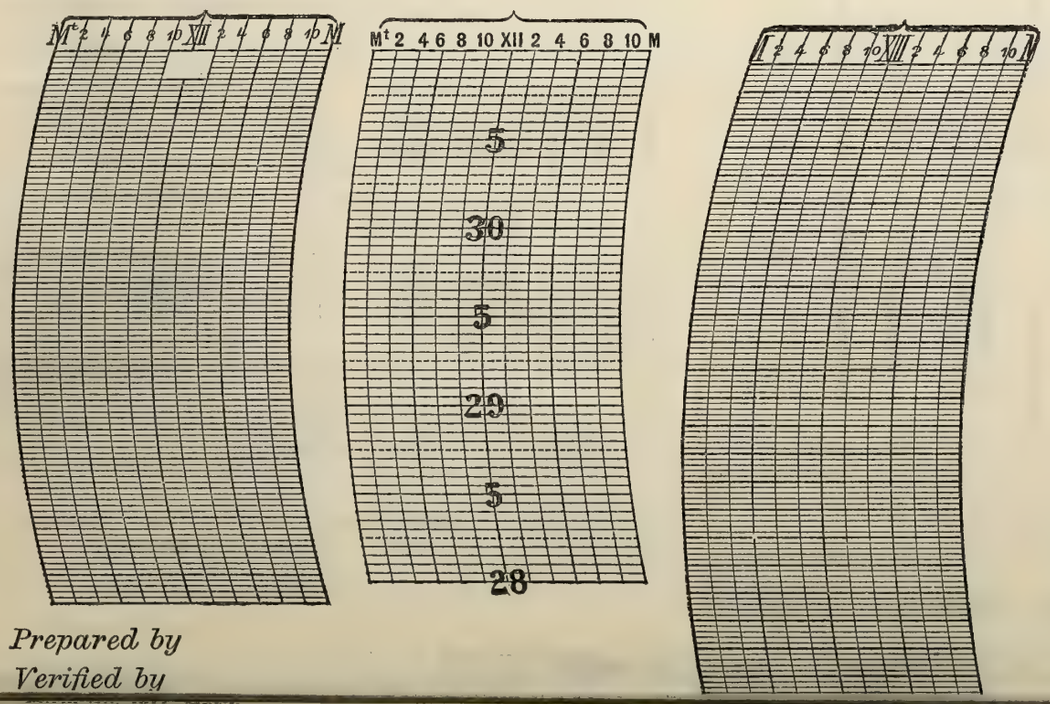
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.




*Prepared by*

*Verified by*

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, _____ Character, _____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, _____ Character, _____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding _____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

_____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

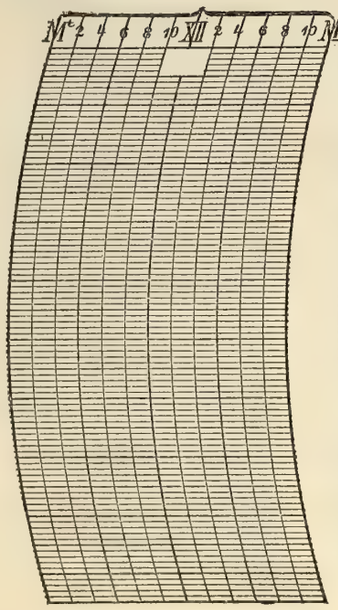
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| _____ | _____ | _____ |

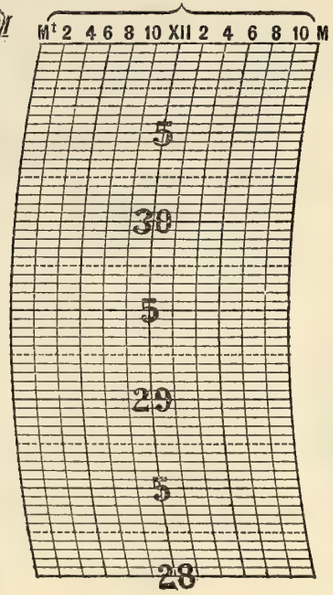
Relative humidity, _____ a. m. _____ p. m.

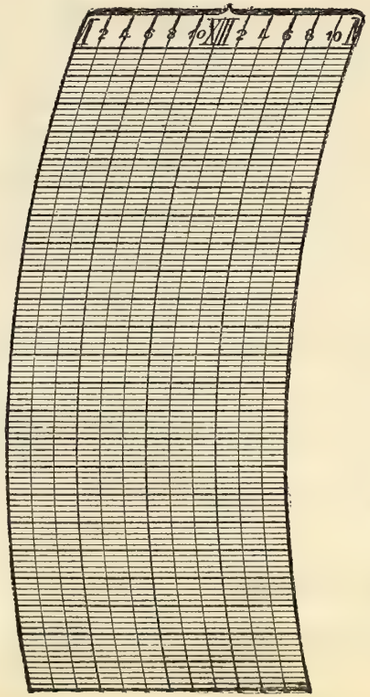
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.




*Prepared by*

*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____ mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

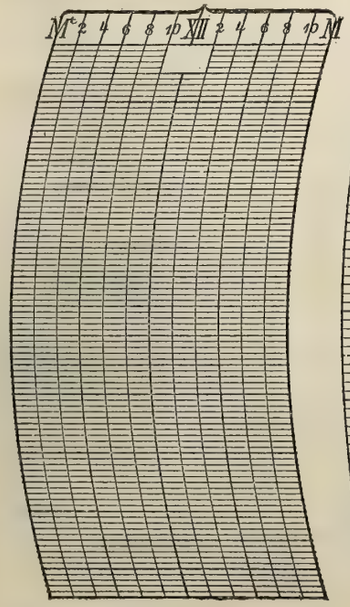
Maximum velocity, ____ Direction, ____ Time. ____

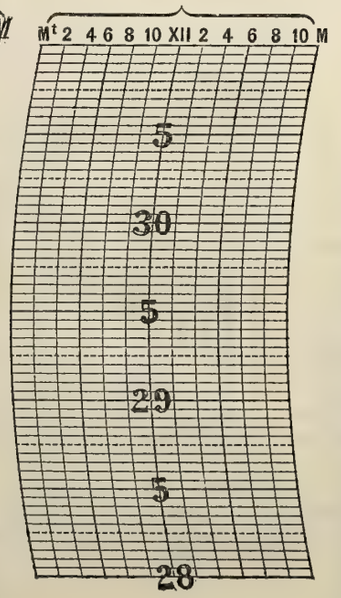
Relative humidity, ____ a. m. ____ p. m.

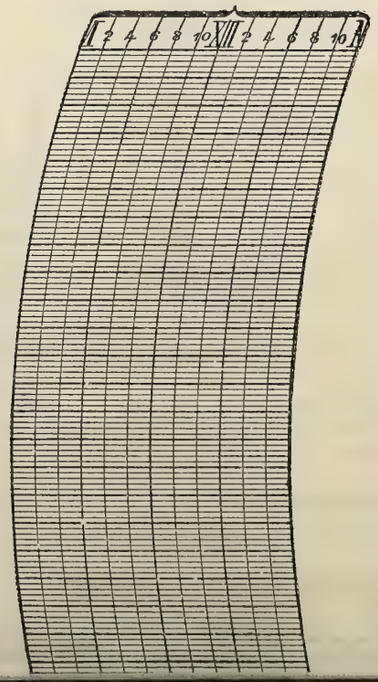
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.




*Prepared by*

*Verified by*

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, _____ Character, _____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, _____ Character, _____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding _____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

_____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

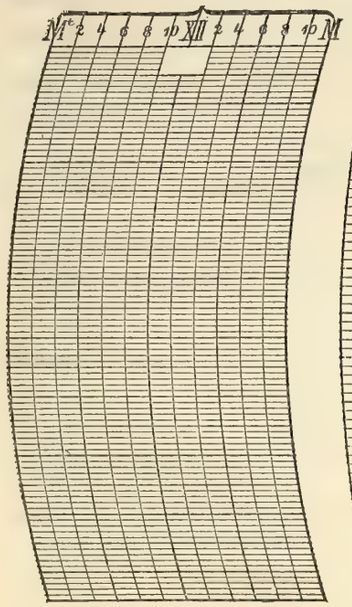
Maximum velocity, _____ Direction, _____ Time. _____

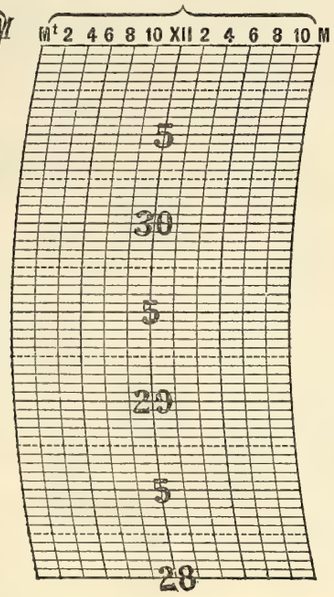
Relative humidity, _____ a. m. _____ p. m.

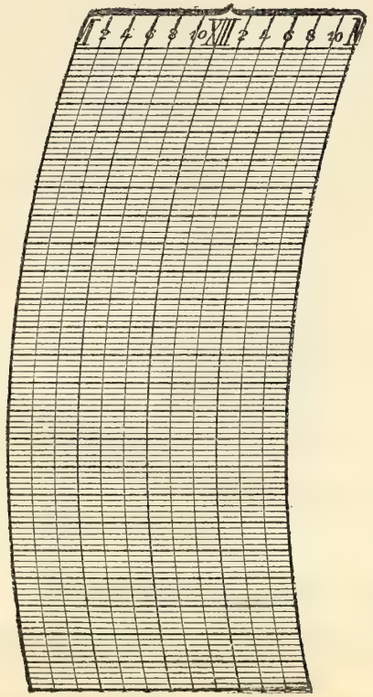
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.




*Prepared by*

*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

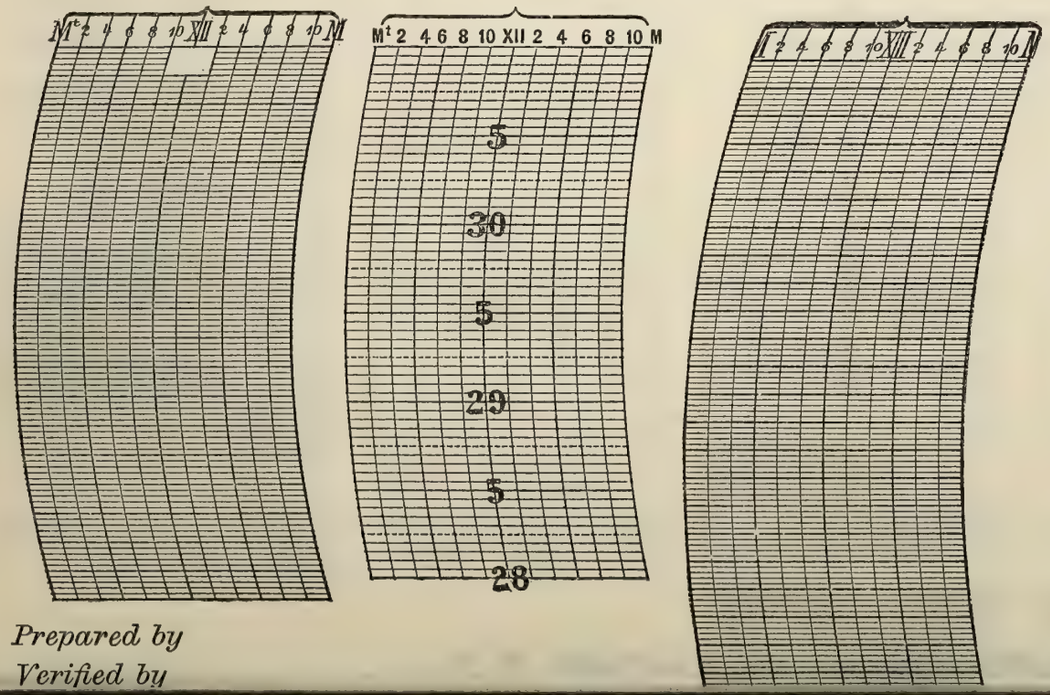
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| ____ | ____ | ____ |

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.




*Prepared by*

*Verified by*

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____ mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

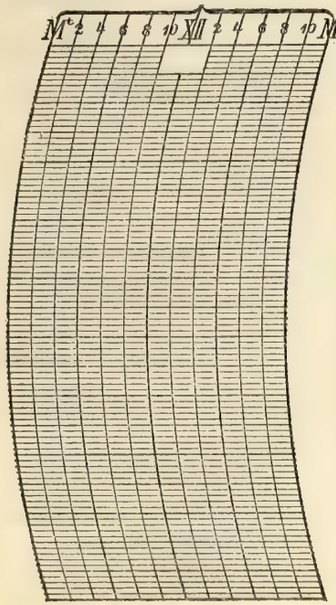
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| ____ | ____ | ____ |

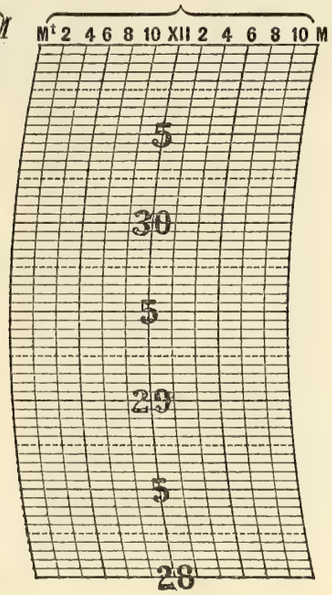
Relative humidity, ____ a. m. ____ p. m.

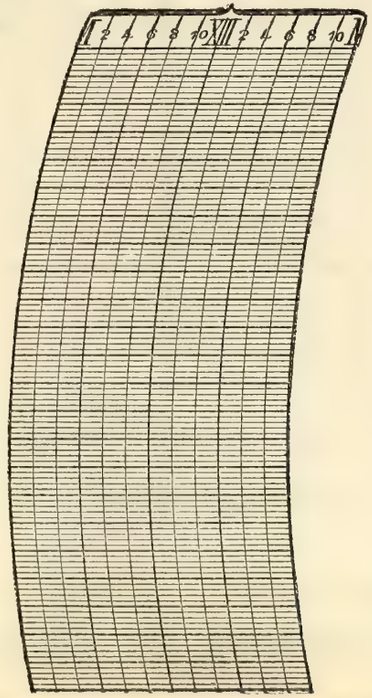
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.




*Prepared by*

*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), _____mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, _____ Character, _____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, _____ Character, _____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding _____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

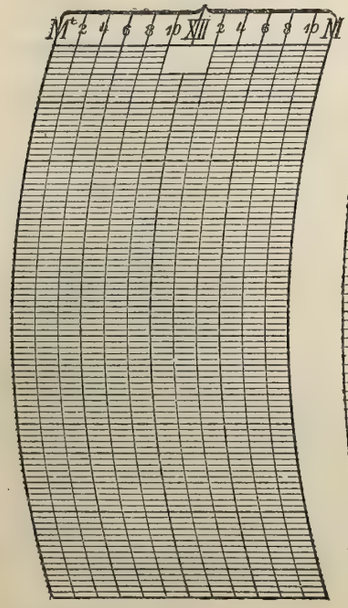
Maximum velocity, _____ Direction, _____ Time. _____

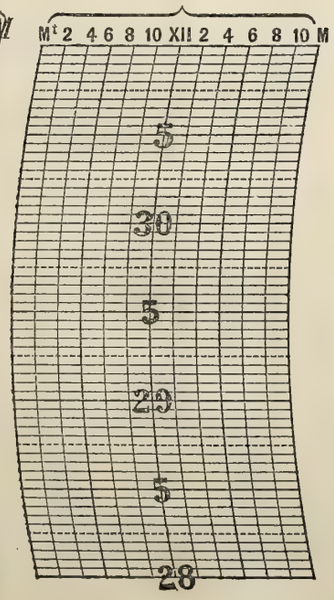
Relative humidity, _____ a. m. _____ p. m.

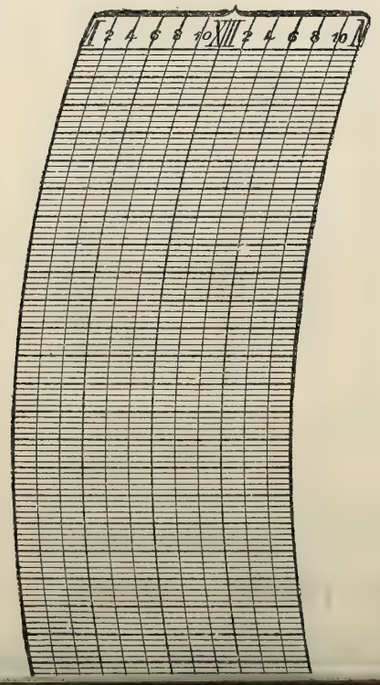
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.

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# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, _____ Character, _____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, _____ Character, _____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding _____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

_____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

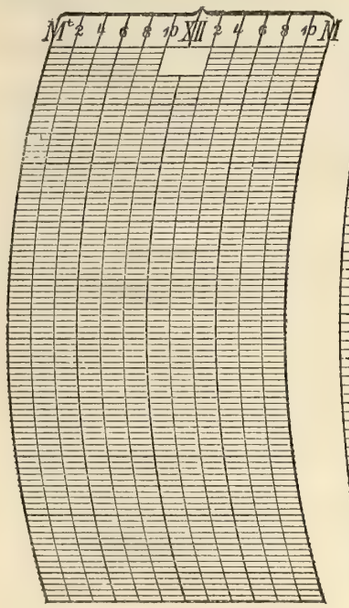
Maximum velocity, _____ Direction, _____ Time. _____

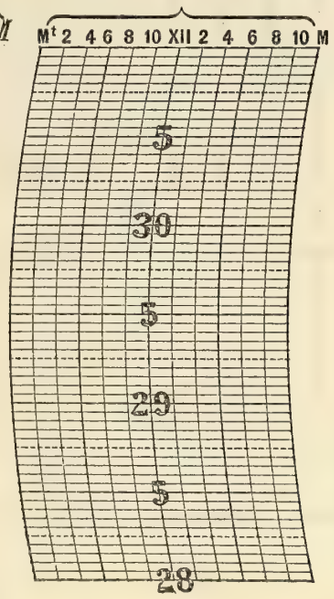
Relative humidity, _____ a. m. _____ p. m.

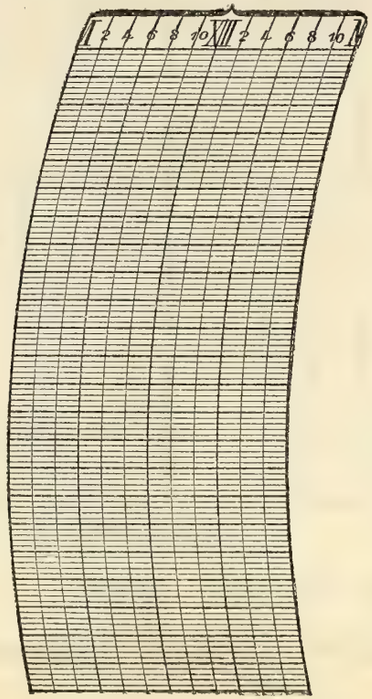
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.




*Prepared by*
*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____ mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

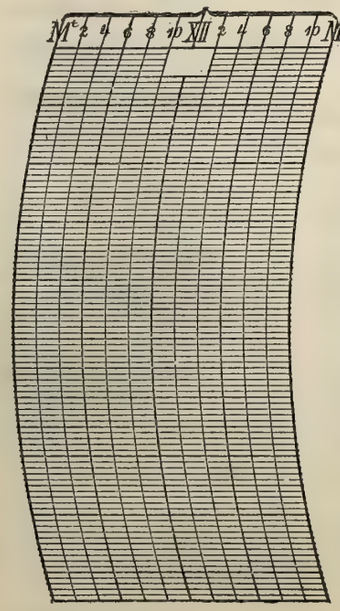
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| | | |

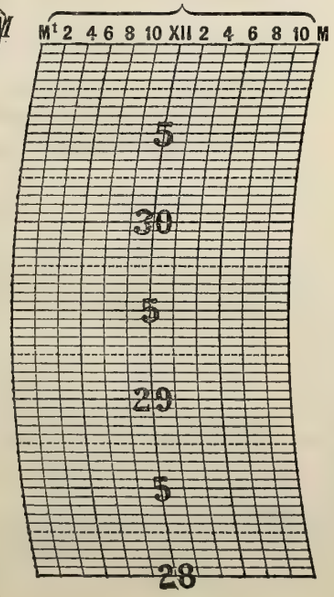
Relative humidity, ____ a. m. ____ p. m.

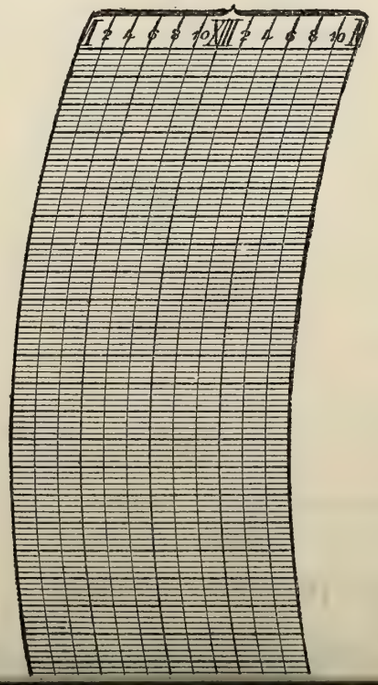
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.





*Prepared by*

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Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____ mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

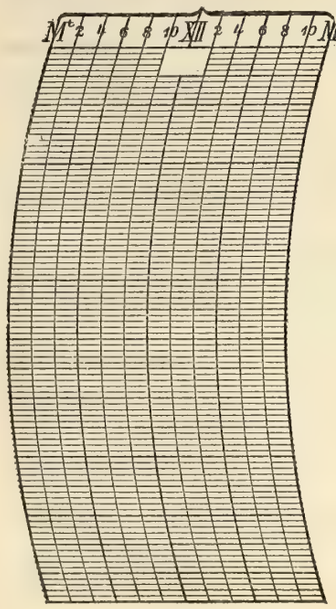
Maximum velocity, ____ Direction, ____ Time. ____

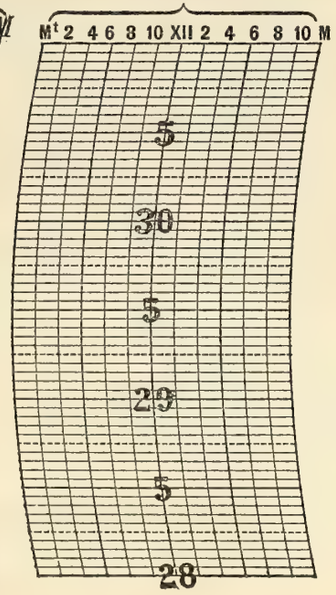
Relative humidity, ____ a. m. ____ p. m.

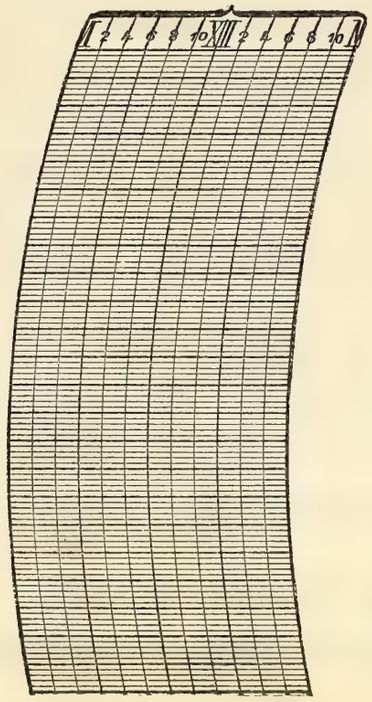
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.




*Prepared by*

*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

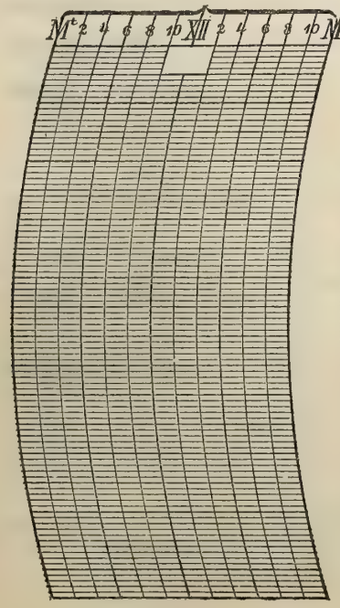
Maximum velocity, _____ Direction, _____ Time. _____

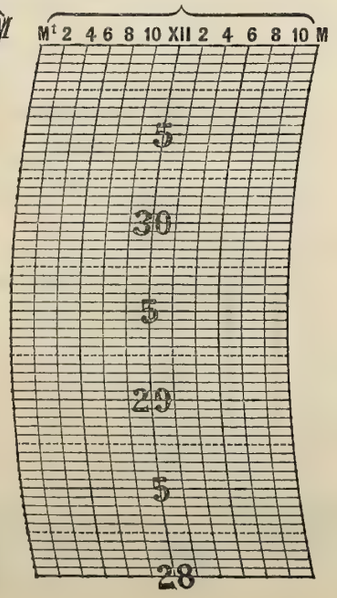
Relative humidity, _____ a. m. _____ p. m.

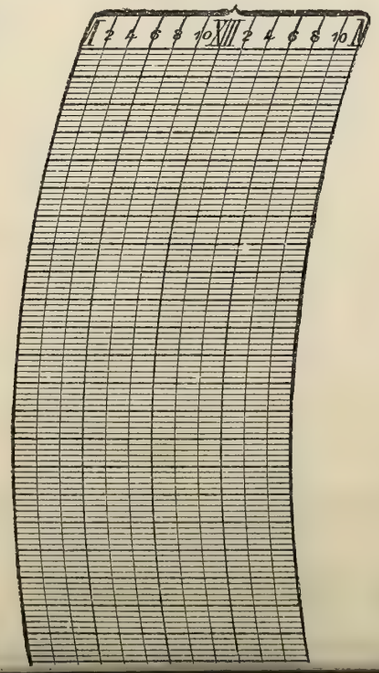
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.




*Prepared by*

*Verified by*

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| | | | | | | | | | | | | | | | | | | | |

Excessive precipitation, accumulated amounts

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

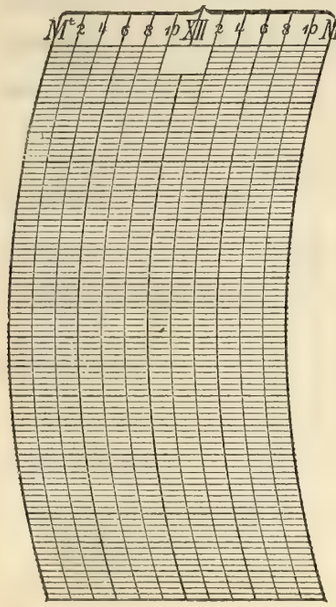
Average hourly velocity, ____

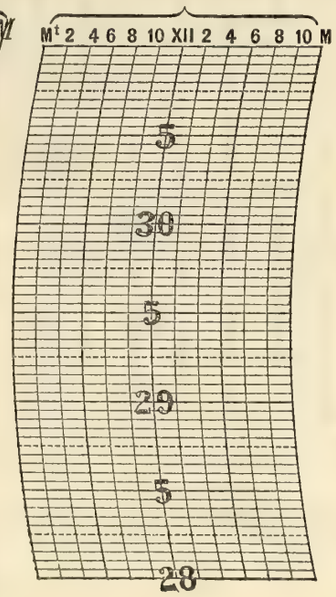
Maximum velocity, ____ Direction, ____ Time. ____

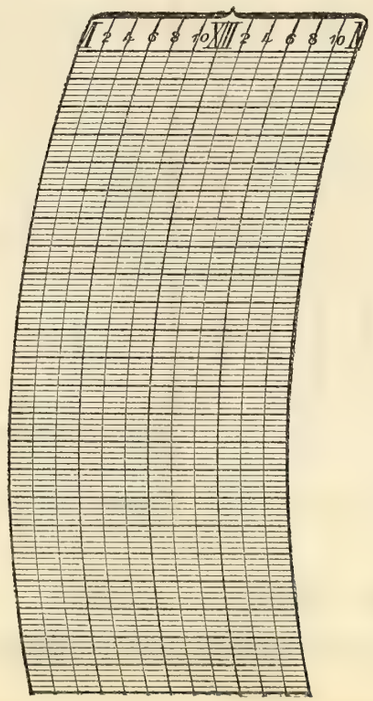
Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____




NOTES.

*Prepared by*

*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

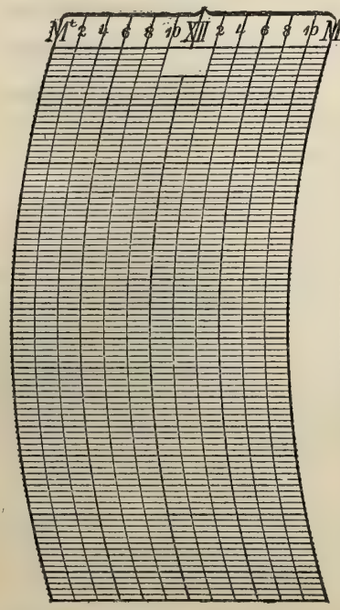
Maximum velocity, _____ Direction, _____ Time. _____

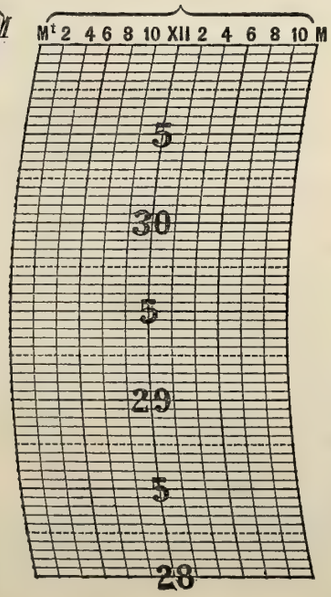
Relative humidity, _____ a. m. _____ p. m.

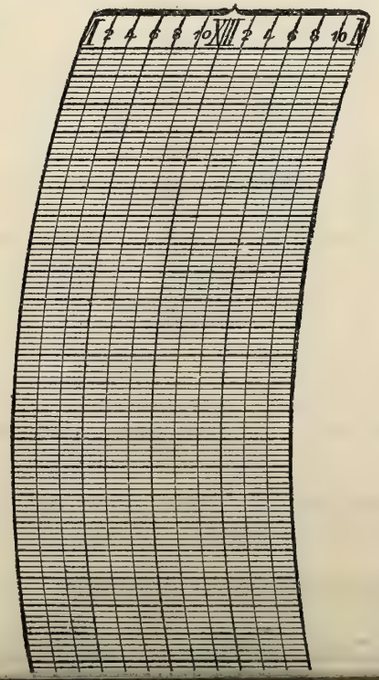
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.




*Prepared by*

*Verified by*

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

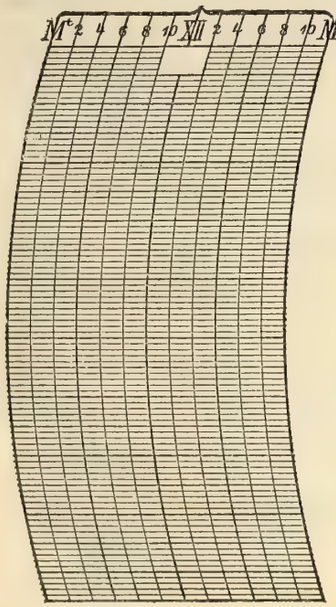
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| ____ | ____ | ____ |

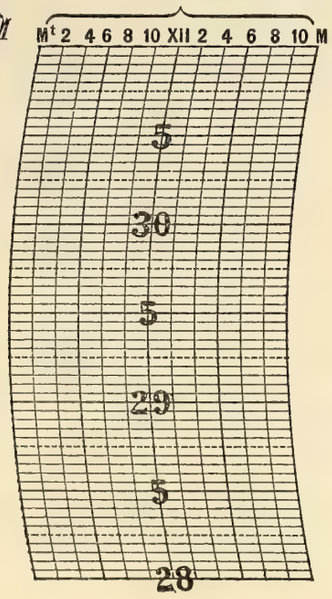
Relative humidity, ____ a. m. ____ p. m.

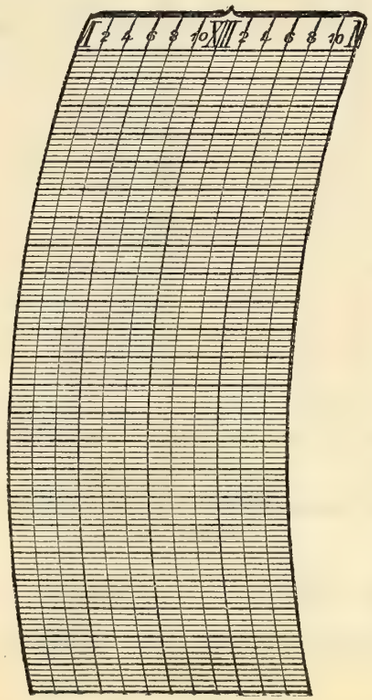
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.




*Prepared by*

*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

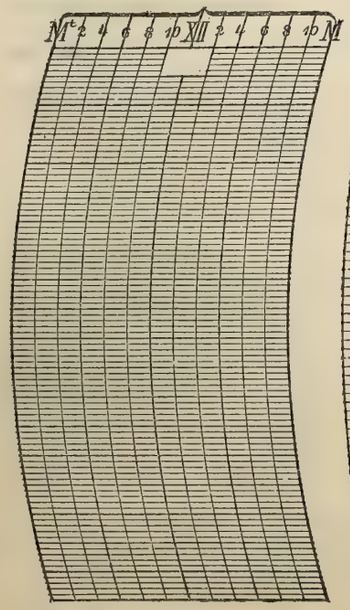
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| ____ | ____ | ____ |

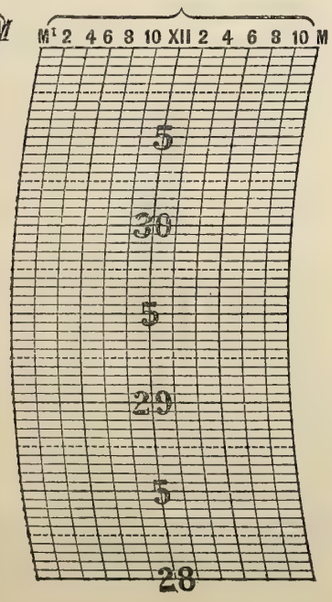
Relative humidity, ____ a. m. ____ p. m.

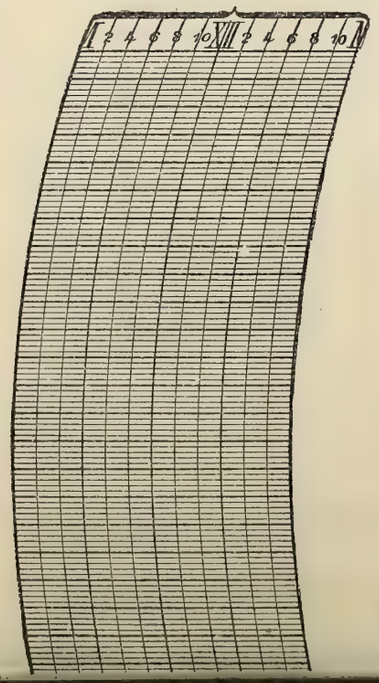
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.




*Prepared by*

*Verified by*

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____ mer. | A. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | P. M. 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | To— | Total amount of precipitation. | Excessive rate. Began— | Ended— | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

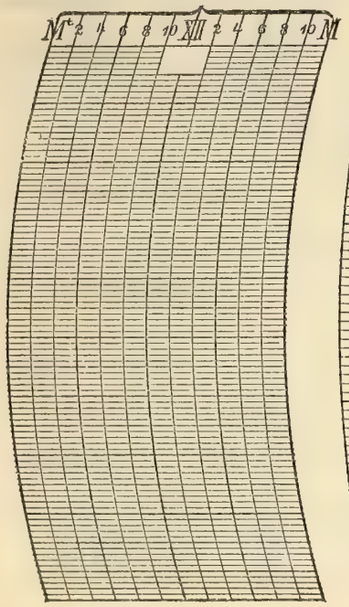
Maximum velocity, ____ Direction, ____ Time. ____

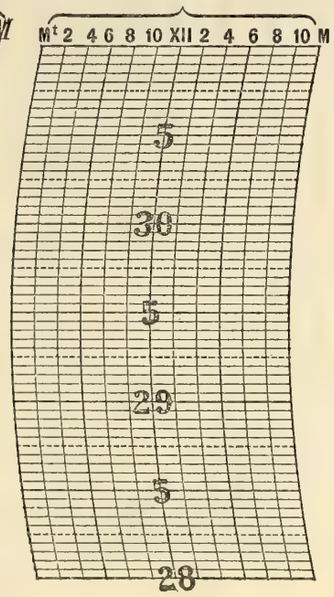
Relative humidity, ____ a. m. ____ p. m.

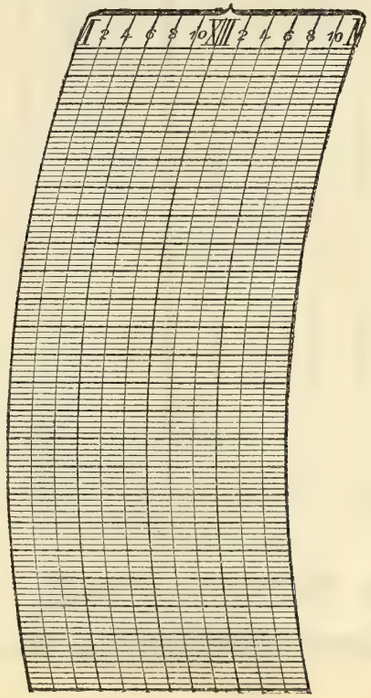
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.




*Prepared by*
*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, _____ Character, _____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, _____ Character, _____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding _____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

_____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

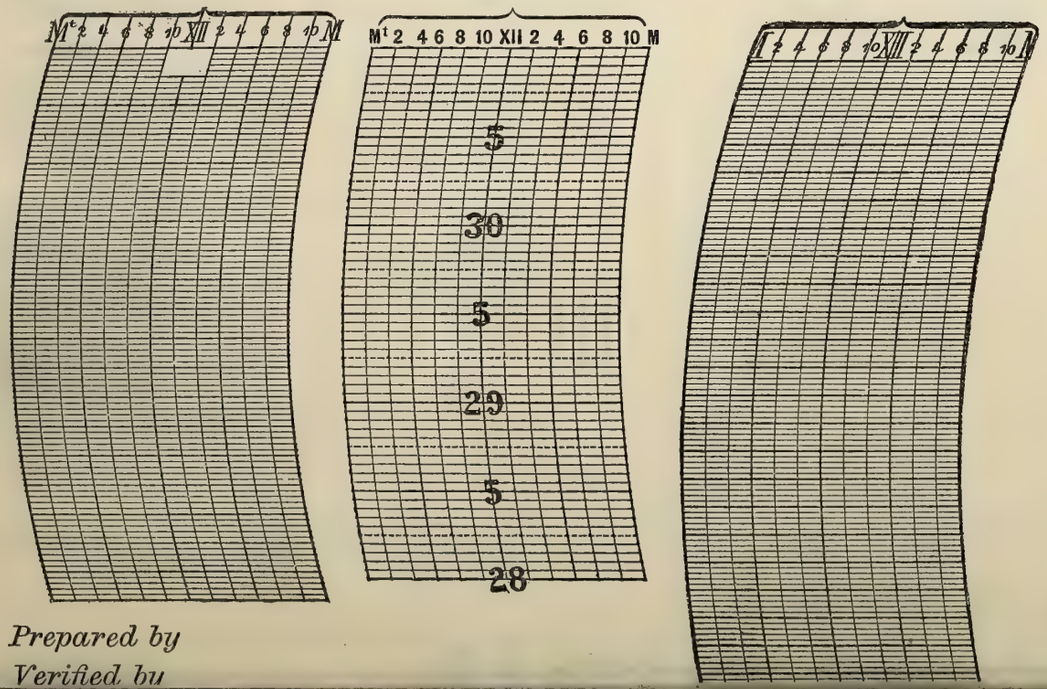
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| _____ | _____ | _____ |

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.




*Prepared by*

*Verified by*

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather: Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather: Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather: Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Excessive precipitation, accumulated amounts | Total duration. From— | Total duration. To— | Total amount of precipitation. | Excessive rate. Began— | Excessive rate. Ended— | Amount before excessive began. | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | |

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

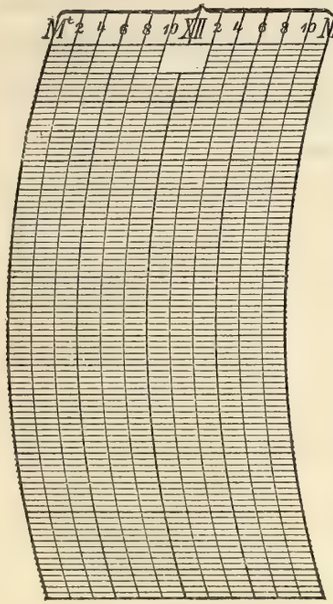
Maximum velocity, ____ Direction, ____ Time. ____

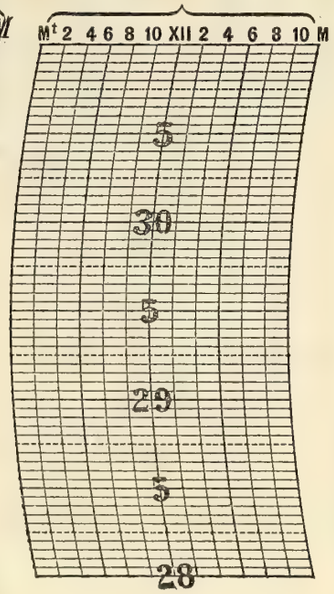
Relative humidity, ____ a. m. ____ p. m.

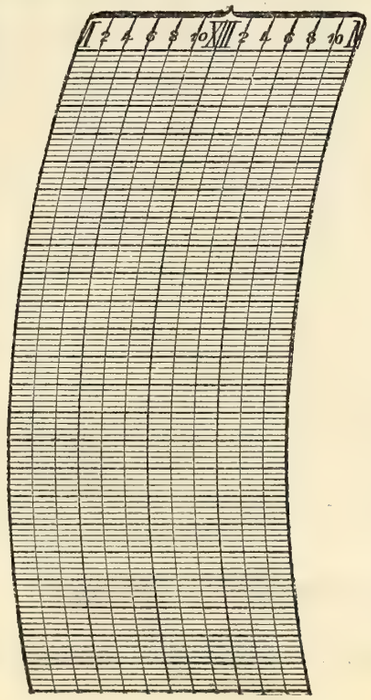
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.





*Prepared by*
*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____ mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

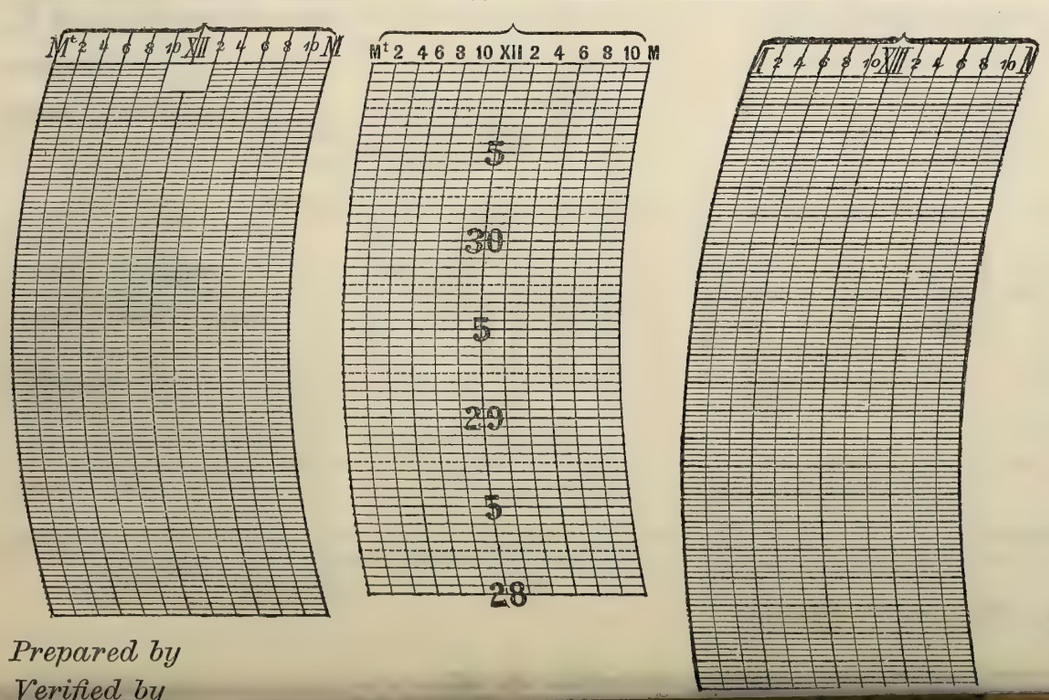
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.




*Prepared by*

*Verified by*

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

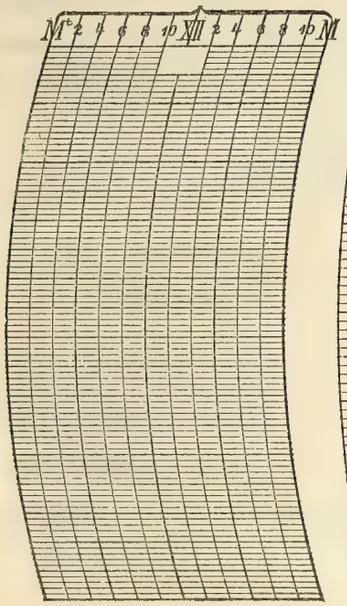
Maximum velocity, ____ Direction, ____ Time. ____

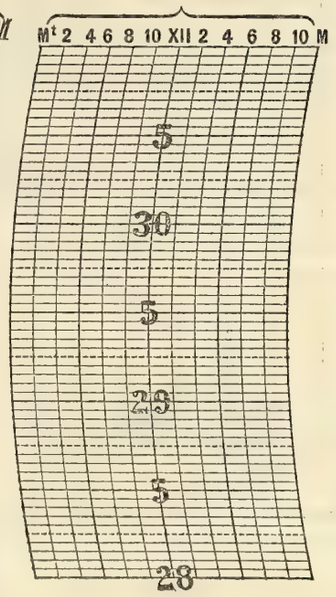
Relative humidity, ____ a. m. ____ p. m.

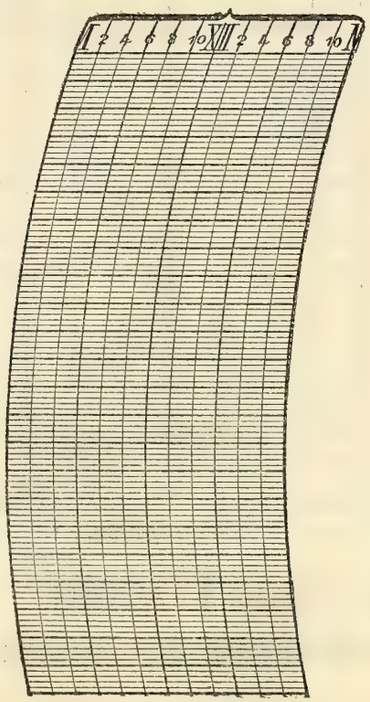
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.




*Prepared by*

*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

| | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, _____ Character, _____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, _____ Character, _____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding _____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

_____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

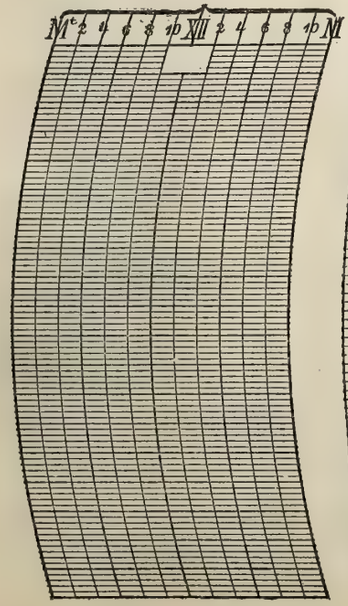
Maximum velocity, _____ Direction, _____ Time. _____

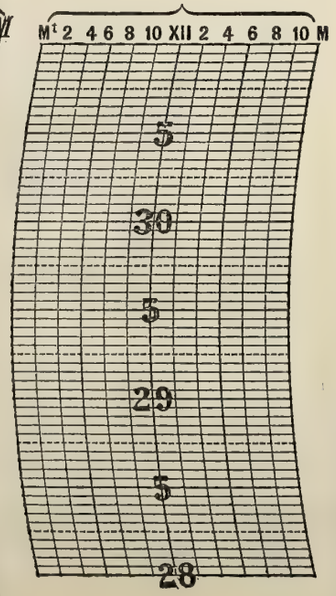
Relative humidity, _____ a. m. _____ p. m.

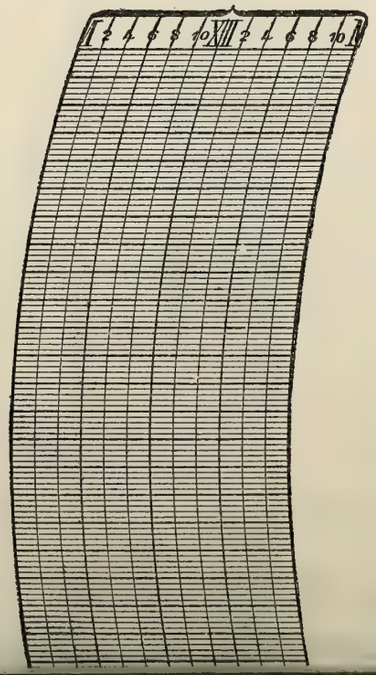
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.




*Prepared by*

*Verified by*

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____ mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

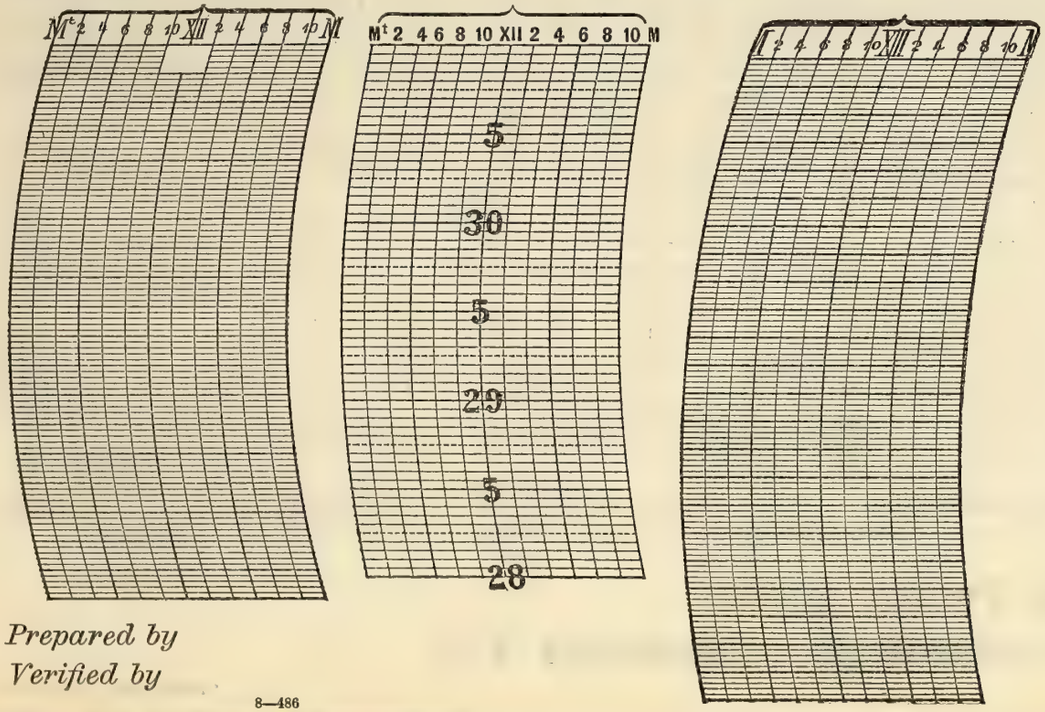
Maximum velocity, ____ Direction, ____ Time. ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.




*Prepared by*

*Verified by*

8—486

Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____ mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, ____ Character, ____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, ____ Character, ____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding ____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| | Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | | |

____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

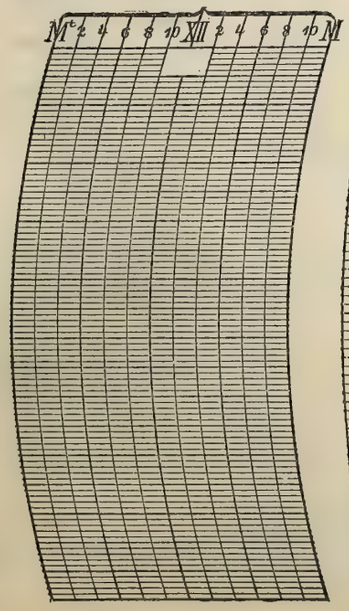
Maximum velocity, ____ Direction, ____ Time. ____

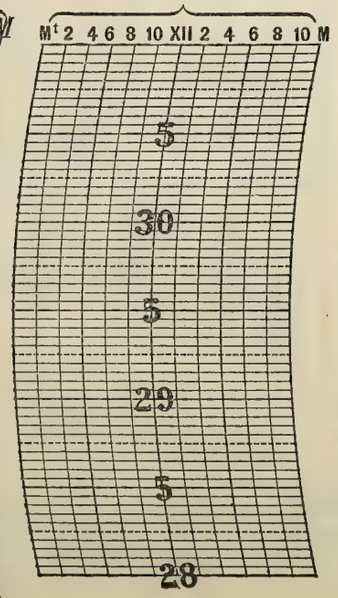
Relative humidity, ____ a. m. ____ p. m.

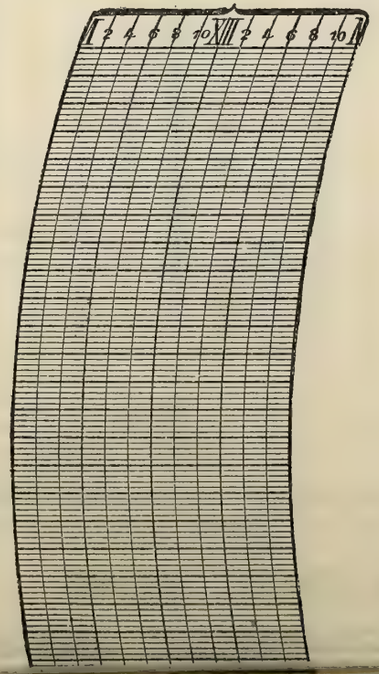
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.




*Prepared by*

*Verified by*

Verified by

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, _____ Character, _____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, _____ Character, _____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding _____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

_____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

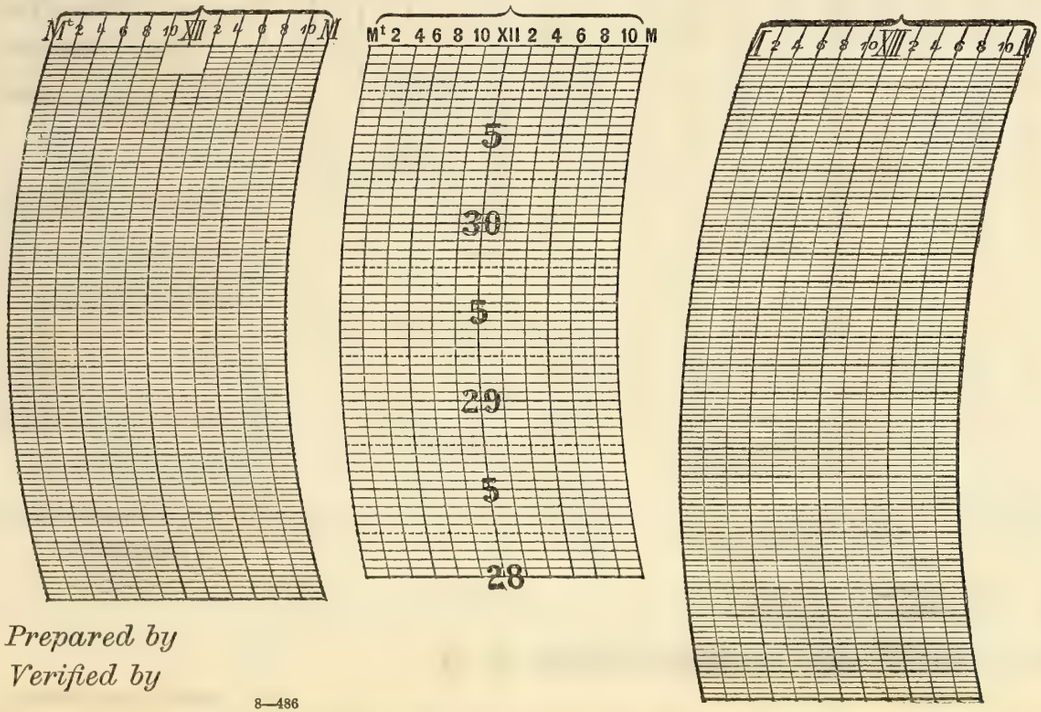
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.




*Prepared by*

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Form No. 1014—Met'l.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

## DAILY LOCAL RECORD.

*(Station)* _____, *(Day of week)* _____, *(Date)* _____, *191*

| Time (local standard), ____ mer. | A. M. | | | | | | | | | | | | P. M. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 | 12–1 | 1–2 | 2–3 | 3–4 | 4–5 | 5–6 | 6–7 | 7–8 | 8–9 | 9–10 | 10–11 | 11–12 |
| Temperature at end of hour | | | | | | | | | | | | | | | | | | | | | | | | |
| State of weather. Nature of precipitation and time of beginning and ending | | | | | | | | | | | | | | | | | | | | | | | | |
| Amounts of precipitation | | | | | | | | | | | | | | | | | | | | | | | | |
| Cloudiness and other conditions | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sunrise: Time, _____ Character, _____ | | | | | | | | | | | | | | | | | | | | Sunset: Time, _____ Character, _____ | | | |
| Sunshine (in tenths of hours) | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind direction | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind movement | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum velocities (exceeding _____ miles) direction and time | | | | | | | | | | | | | | | | | | | | | | | | |

| Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Accumulated depths during excessive rate, for consecutive periods of time indicated below. | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| | | | | | | | | | | | | | | | | | | | |
| Excessive precipitation, accumulated amounts | | | | | | | | | | | | | | | | | | | |

_____ hours slower than 75th meridian time.

| Maximum. | Minimum. | Mean. | Normal. |
|---|---|---|---|
| | | | |

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

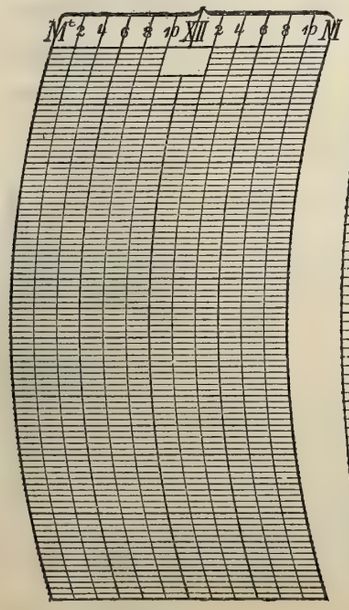
| Maximum velocity, | Direction, | Time. |
|---|---|---|
| | | |

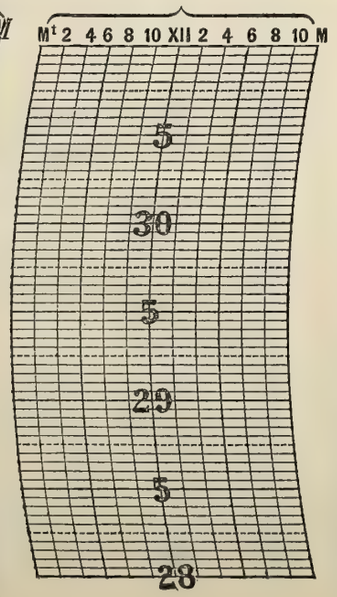
Relative humidity, _____ a. m. _____ p. m.

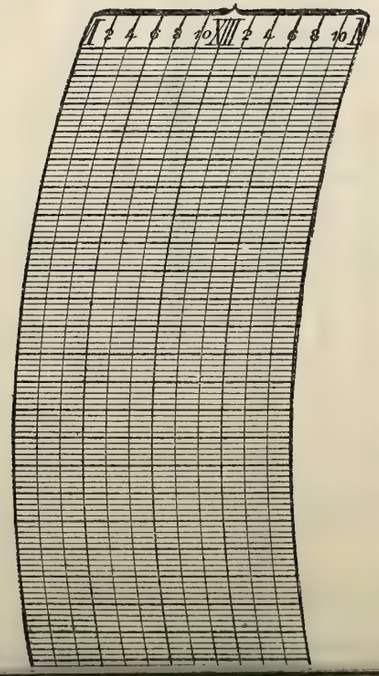
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.

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# INDEX, DAILY LOCAL RECORD, 191

| SUBJECTS. | JANUARY. | FEBRUARY. | MARCH. | APRIL. | MAY. | JUNE. | JULY. | AUGUST. | SEPTEMBER. | OCTOBER. | NOVEMBER. | DECEMBER. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Auroras | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Clouds, special formation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 ~~+2"~~ |
| Cold waves | 19 | 2, 3 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12" |
| Dew, heavy deposits of | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Droughts | — | — | — | — | — | — | — | — | — | 0 | — | — |
| Earthquakes | — | — | — | — | — | — | — | — | — | — | — | — |
| Fires, forest | — | — | — | — | — | — | — | — | — | — | — | — |
| Fog, light | 28.29" | 16" | 0 | 0 | 6" | 0 | 0 | 8" | 4" | 4, 8, 10 | 0 | 0 |
| Dense | 0 | 17" | 0 | 0 | 0 | 0 | 0 | 0 | 4", 23" | 0 | 0 | 5" |
| Floods, other than in rivers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Frosts, light | — | — | — | 0 | 0 | 0 | 0 | 0 | 0 | 14-15-17 | — | — |
| Heavy | — | — | — | 25" | 0 | 0 | 0 | 0 | 0 | 6-18 | — | — |
| Killing | — | — | — | 19.23" | 0 | 0 | 0 | 0 | 0 | 20 | — | — |
| First killing after July 15 | — | — | — | — | — | — | — | — | — | 20 | — | — |
| Last killing before July 15 | — | — | — | 23" | — | — | — | — | — | — | — | — |
| Last heavy before July 15 | — | — | — | 25" | — | — | — | — | — | — | — | — |
| First heavy after July 15 | — | — | — | — | — | — | — | — | — | 18 | — | — |
| Hail. *See* Precipitation | 0 | 0 | 0 | 14" | 24" | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ice | — | — | — | + | — | — | — | — | — | — | — | — |
| Lightning, damage by | — | — | — | — | — | — | — | — | — | — | — | — |
| Deaths by | — | — | — | — | — | — | — | — | — | — | — | — |
| Meteors | — | — | — | — | — | — | — | — | — | — | — | — |
| Navigation, opening | — | — | — | — | — | — | — | — | — | — | — | — |
| Closing | — | — | — | — | — | — | — | — | — | — | — | — |
| Impeded | — | — | — | — | — | — | — | — | — | — | — | — |
| Observations, not taken | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Taken late | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Special | 0 | 21 | 0 | 17-18-29 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| Optical phenomena, haze | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coronæ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Halo, lunar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Solar | 9" | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Parhelia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Parselenæ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rainbows | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sunrise, peculiar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sunset, peculiar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Zodiacal light | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Precipitation, rain, light | 17 | 16, 26 | 27 | 7-13-14-18 22-24-26-28 | 13-16-23-29 | 2-4-12-18-19- | 28 5-7-15-20- | 8-9-11-19- 23-25-30-31 | 14-15-18-19- 2-24-25-26 | 3-8-22 24 | 1-4-5-12-13-14 23-24-27-28 | 1 2 3 4 5 13-14-18-19 6 8 10 19 20 26-27-28 30 |
| Heavy | 18 | 0 | 28-29 | 1-6-12-17-21-29 | 12-17 | 0 | 0 | 0 | 22 | 18-31 | 6 | 0 |

8—486

ENTER DATES, NOT PAGES.

# INDEX, DAILY LOCAL RECORD, 191

| SUBJECTS. | JANUARY. | FEBRUARY. | MARCH. | APRIL. | MAY. | JUNE. | JULY. | AUGUST. | SEPTEMBER. | OCTOBER. | NOVEMBER. | DECEMBER. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Precipitation, rain—Continued. | | | | | | | | | | | | |
| Excessive | 0 | 0 | 0 | 0 | 5" | 15, 16 | 2", 21" | 21." 10", 17", 17, 18, | 7" | 0 | 0 | 0 |
| Showers, light | 0 | 0 | 0 | 0 | 2-7-8-15-24 27-28 | 29-30 | 6-9-10-23, 30 | 13, 14, 20-28 21-22 | 2- | 0 | 0 | 0 |
| Heavy | 0 | 0 | 0 | 0 | 3-5-11 | 14-15-16 | 2-8-13-21 | 7-10-17, 18- | 7-17 | 9-10-11 | 0 | 0 |
| Sleet | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26-27 | 0 |
| Snow, light | 2-4-6 (8-12) (14-20) 22, 23, 26, 28, 27, 30 | (1-4) 6, 7, 11, 12 14, (20-22) (25-29) | 3, 4, 7, 8, 11, 12, 14, 15, 21, 23, 24 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 1-14-24-25 | 8-10-11-18 19-20-26-27-29 |
| Heavy | 0 | 21" | 15, 20" | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hail | 0 | 0 | 0 | 14" | 24" | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wet periods | — | — | — | — | — | — | — | — | — | — | — | — |
| Rivers, rapid rise | — | — | — | — | — | — | — | — | — | — | — | — |
| Flood stages | 0 | 0 | 19-20-21 29-30-31 | 1 to 5 inc | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Low-water stages, unusual | — | — | — | — | — | — | — | — | — | — | — | — |
| High water, periods of | 0 | 0 | 19-21 29-31 | 1-5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Frozen | — | — | — | — | — | — | — | — | — | — | — | — |
| Floating débris | — | — | — | — | — | — | — | — | — | — | — | — |
| Gorges | — | — | — | — | — | — | — | — | — | — | 0 | 0 |
| Running ice | — | — | — | — | — | — | — | — | — | — | 0 | 0 |
| Warnings. *See* Warnings | — | — | — | — | — | — | — | — | — | — | — | — |
| Smoke, light | — | — | — | — | — | — | — | — | — | — | — | — |
| Dense | — | — | — | — | — | — | — | — | — | — | — | — |
| Temperature, unusually high | — | — | — | — | — | — | — | — | — | — | — | — |
| Unusually low | — | — | — | — | — | — | — | — | — | — | — | — |
| Sudden rise | — | — | — | — | — | — | — | — | — | — | — | — |
| Sudden fall | — | — | — | — | — | — | — | — | — | — | — | — |
| Periods of high | — | — | — | — | — | — | — | — | — | — | — | — |
| Periods of low | — | — | — | — | — | — | — | — | — | — | — | — |
| Thunderstorms | 0 | 21 | 0 | 12-14-21 22-28 | 2-3-5-7-8 11-15-24-27-28 | 14-15-16 29-30 | 2-6-8-9-10 13-21-23-30 | 7-10-13-14-17 18-20-21-22 25-28 | 2-7-17 | 9-10-11 | 0 | 0 |
| Tornadoes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Warnings, advisory | — | — | — | — | — | — | — | — | — | — | — | — |
| Cold wave | 14" 18" 26" | 1-3 | 8, 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| Inland storm | — | — | — | — | — | — | — | — | — | — | — | — |
| Emergency | — | — | — | — | — | — | — | — | — | — | — | — |
| Frost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26, 27, 29, 30 | 0 | 0 | 0 |
| Hurricane | — | — | — | — | — | — | — | — | — | — | — | — |
| Rapid rise in river | — | — | — | — | — | — | — | — | — | — | — | — |
| Flood | — | — | — | — | — | — | — | — | — | — | — | — |
| Winds, 25 to 39 miles per hour | 1-5-6-9-21 | 22, 23, 26 | 20, 24, 31 | 4, 5, 6, 7, 9, 12, 14 15, 17, 18, 21, 22 24-26, 27 | 7, 8, 17, 18, 27, 20, 22 | 2, 4, 6, 16 | 8 | 2, 7, 9, 10, 21, 22, 28 | 19-25 | 12, 29 | 4, 8, 14, 13 | 2-3-24-29 |
| 40 miles per hour, or over | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 |
| Hurricanes | — | — | — | — | — | — | — | — | — | — | — | — |



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